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# NUMBERS & ODDITIES #
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-::: N&O #90 December 2004 :::-

Doesn't time fly.... Another year passed by and in a couple of days it will be January 2005 and thus WUN's 10th anniversary. That's great! As I mentioned before, as part of our jubilee we have issued the third edition of WUN's Utility Guide. You can order the CD here:

<http://www.wunclub.com/cd3.html>

Last month I promised a free CD to the first person who would decode the DTMF message. A number of you succeeded and the CD has been sent off to the winner. The correct answer is "01 1995 01 2005 #10" which stands for "January 1995 January 2005 10 years WUN".

This edition of N&O came about thanks to the following contributors: Japan UTE Monitor, Jim, Igor, Mark, Tomonori, Al, Pat, DARC Bandwacht, Walter, Wolfgang, Brad, Ron, John, Attu, IARUMS, Tony, Leif, Fritz, Mark and David. I hope I didn't forget anyone.

Thanks for your valuable information, gentlemen. I hope that I may count on you again in 2005.

I WISH YOU AND YOUR FAMILIES A PROSPEROUS AND HEALTHY NEW YEAR!!!

-0-0-0-0-0-0-0-0-0-0-

I received Mathias Kropf's annual press release about clandestine activity. The number of broadcasting hours may have decreased but the number of jammers seems to remain the same.

2004 Clandestine Activity Survey

"During the year 2004 the activity of political clandestine stations broadcasting on shortwave has decreased by 28.5 % to 1229 Weekly Broadcasting Hours (WBHs). This is the lowest level of activity since 1999 and the second lowest ever since this survey has first been

Activity by clandestine stations on the Asian continent has decreased by 35% or 495 WBHs to now 920 WBHs with the five most active target areas (countries) all in a declining trend. Clandestine activity to target areas on the American, African and Oceanian continents has remained more or less unchanged from last year at 166, 127 and 16 WBHs respectively.

Despite the declining trend that is obvious in all of the figures above, it should also be noted that the number of different target areas active worldwide has increased by three to 24. So, the trend towards more diverse, but also mostly low-budget operations, is apparently still intact, and has been only temporarily overshadowed by operations on the Afghanistan/Iraq scenes."

* VOICE STATIONS *

Lincolnshire Poacher idents compiled by Al.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	88698	88698	88698	88698	88698	88698	88698	1200
1300	97125	97125	97125	97125	97125	97125	97125	1300
1400	97373	86726	23630	38311	88698	28888	49214	1400
1500	49214	97373	86726	23630	38311	88698	33783	1500
1600	33783	49214	97373	86726	23630	38311	28888	1600
1700	28888	33783	49214	97373	86726	23630	88698	1700
1800	88698	28888	33783	49214	97373	86726	38311	1800
1900	38311	97125	28888	97125	49214	97373	97125	1900
2000	97125	88698	97125	33783	97125	49214	23630	2000
2100	23630	38311	88698	28888	33783	97125	86726	2100
2200	86726	23630	38311	88698	28888	33783	97373	2200

[illegible]

1300	40690	40690	40690	40690	40690	40690	40690	1300
1400	92463	31709	83426	39990	60535	06853	00461	1400
1500	00461	92463	31709	83426	39990	60535	77330	1500
1600	77330	00461	92463	31709	83426	39990	06853	1600
1700	06853	77330	00461	92463	31709	83426	60535	1700
1800	60535	06853	77330	00461	92463	31709	39990	1800
1900	39990	40690	06853	40690	00461	92463	40690	1900
2000	40690	60535	40690	77330	40690	00461	83426	2000
2100	83426	39990	60535	06853	77330	40690	31709	2100
2200	31709	83426	39990	60535	06853	77330	92463	2200

Darrin from New Zealand jotted down a message from the Lincolnshire Poacher and reports that LP had some problems. He says:

"On 14487 kHz, Thu 12022004, 1300z, E03 went off air a couple of times during its routine transmission. Below the faulty transmission is the correct transmission minus the repeats."

ID 97125

06248	06248	17573	17573	04740	04740	04389	04389	01026	01026
72000	72000	82202	82202	57519	57519	43444	43444	18999	18999
22670	22670	48109	48109	70777	70777	94389	94389	51727	51727
29789	29789	03636	03636	28946	28946	53248	53248	07596	07596
42005	42005	24520	24520	60730	60730	83665	83665	60201	60201
75408	75408	77342	77342	22949	22949	91087	91087	09374	09374
90603	90603	66838	66838	94381	94381	50809	50809	80884	80884
86271	86271	13321	13321	77970	77970	44478	44478	62142	62142
78220	78220	76950	76950	56034	56034	97004	97004	52716	52716
72387	72387	39908	39908	80240	80240	89116	89116	43964	43964
14340	14340	04602	04602	92904	92904	91890	91890	59735	59735
68209	68209	72075	72075	59493	59493	37973	37973	71636	71636
87127	87127	61875	61875	13820	13820	52204	52204	39819	39819
84810	84810	98517	98517	48190	48190	76849	76849	12822	12822
58692	58692	67808	67808	19843	19843	72361	72361	88488	88488
20279	20279	70037	70037	28744	28744	83049	83049	64269	64269
03091	03091	14720	14720	75859	75859	97013	97013	13380	13380
99168	99168	68875	68875	59327	59327	92842	92842	73457	73457
98544	98544	48021	48021	11472	11472	64162	64162	36464	36464
05076	05076	30969	30969	58129	58129	94514	94514	03104	03104
14214	14214	84620	84620	08476	08476	09345	09345	27800	27800
15142	15142	49850	49850	49888	49888	.....	.....	.....	.....
.....
.....	14061	28749	28749	47228	47228	64839	64839	91957	91957
28886	28886	05337	05337	81212	81212	36655	36655	51167	51167
04614	04614	02731	02731	50235	50235	00580	00580	37342	37342
45340	45340	92144	92144	87661	87661	00084	00084	84544	84544

58321	58321	89301	89301	74955	74955	14071	14071	21096	21096
98551	98551	08846	08846	62315	62315	58555	58555	70847	70847
5436.	..364	36255	36255	4....	.....	.....	.....	.....	.....
.....
12425	12425	02429	....9	...21	45421	54294	54294	90062	90062
46591	46591	48083	48083	53716	53716	91489	91489	5562	5562
64696	64696	20681	20681	15...	1....	38827	38827	51656	51656
87190	87190	59215	59215	88727	88727	80837	80837	15728	15728
37488	37488	11049	11049	05065	05065	19197	19197	87194	87194
26263	26263	53184	53184	30448	30448	26024	26024	00927	00927
94848	94848	54343	54343	97768	97768	48244	48244	55706	55706
72525	72525	32114	32114	6838	6838	23808	23808	62685	62685
70654	70654	31074	31074	18603	18603				

ID 97125. Minus the repeats

06248	17573	04740	04389	01026	72000	82202	57519	43444	18999
22670	48109	70777	94389	51727	29789	03636	28946	53248	07596
42005	24520	60730	83665	60201	75408	77342	22949	91087	09374
90603	66838	94381	50809	80884	86271	13321	77970	44478	62142
78220	76950	56034	97004	52716	72387	39908	80240	89116	43964
14340	04602	92904	91890	59735	68209	72075	59493	37973	71636
87127	61875	13820	52204	39819	84810	98517	48190	76849	12822
58692	67808	19843	72361	88488	20279	70037	28744	83049	64269
03091	14720	75859	97013	13380	99168	68875	59327	92842	73457
98544	48021	11472	64162	36464	05076	30969	58129	94514	03104
14214	84620	08476	09345	27800	15142	49850	49888	42214	00615
22732	65903	50083	54862	62559	76572	09547	15195	14061	28749
47228	64839	91957	28886	05337	81212	36655	51167	04614	02731
50235	00580	37342	45340	92144	87661	00084	84544	58321	89301
74955	14071	21096	98551	08846	62315	58555	70847	54364	36255
45621	73553	69317	88371	41486	94217	02866	12425	02429	45421
54294	90062	46591	48083	53716	91489	05562	64696	20681	15757
38827	51656	87190	59215	88727	80837	15728	37488	11049	05065
19197	87194	26263	53184	30448	26024	00927	94848	54343	97768
48244	55706	72525	32114	6838	23808	62685	70654	31074	18603

<<<<<>>>>>

::: E04

Cherry Ripe idents compiled Tomonori.

Idents used in 1st half of December, 2004

UTC	Sun	Mon	Tue	Wed	Thu	Fri	UTC
2200	05980	60011	71589	64257	60011		2200
2300	60011	71589	64257	60011	91700		2300

0000	71589	64257	60011	91700	11536	0000
0100	64257	60011	91700	11536	66453	0100
1000	60011	91700	11536	66453	05980	1000
1100	91700	11536	66453	05980	60011	1100
1200	11536	66453	05980	60011	71589	1200
1300	66453	05980	60011	71589	64257	1300

<<<<<>>>>>

::: E07

"E07 excellent AM in NorthWest Paris", reports Pat.

981 981 981 1 (repeated 7 times)

463 36 463 36

68365 00454 72621 03897 85534 37688 29050 31686 36379 37756 92570
69130 74416 68842 95504 21282 08556 22755 50823 63773 29772 62464
84740 21463 69194 23171 00380 44987 51532 00291 45706 32735 78160
23293 39349 49479
000 000

<<<<<>>>>>

::: E10

E10 with an ABC call was heard on 14000 kHz on 7 Dec at 1358 UTC for 20 mins.

<<<<<>>>>>

::: S13

Possible S13 transmission. Russian lady counting from 1 to 0. Then "pryom" (over). Repeated for ca 3 minutes. Then silent.

<<<<<>>>>>

::: S25

Gert supplied this log to ENIGMA 2000. This station is not reported very often these days. Nice one, Gert!

He heard S25 on 7 Dec at 0900 UTC on 11115 kHz.

637 637 637 30752 30752

22222
31632 over and over.
ending with 11111 00000

<<<<<>>>>>

::: V02

Mark Slaten, David Fairbanks and Mark Taylor compiled the V02c schedules and sent along some comments as well.

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun
----	----	----	----	----	----	----	----
0900	7527	7520 7527	7482 7520	7482 7887	7527 8136	7520	7887 kHz
1000	7681	7887	7862	7681	7887	7975 7520	7975
1700	8010	8010	8010	8010	8010	8010	8010
1800	8097	8097	8097	8097	8097	8097	8097
1900	8097	8097	8097	8097	8097	8097	8097
2000	7887	7887	7887	7887	7887	7887	7887
2100	6855	6855	6855 6797	6855 6797	6855	6855	6855
2200	6797	6797	6797	6797	6797	6797	6797

David comments:

"They are best received using SYNC AM USB. They are sometimes late by 5 to 15 minutes and end anywhere from 0040 to 0050. It is not uncommon for them to sometimes give the ID's at 5 or 10 minutes before the hour. They all use the long pauses and carriers are on 15 minutes before the hour."

Mark Slaten:

"NOTES:

1. There is a distinct pause every 10th group in message.
2. Callups used in November/December 2004:
 - a. Atencion 888 16x2(pause) Atencion 252 166x1(pause)
Atencion 888 16x2(pause) (R3)
 - b. Atencion 346 72x5 (R3)
3. AM carrier is usually up sometimes for 40+ minutes before scheduled broadcast.
4. Sometimes sked gets off to a late start or an early start, from the hour.
5. Messages do not seem to have the same first two groups and last two groups in their format as the V2a and M8a/M8c family
6. Each set of the two call-ups seem to have its own message that is

continually repeated each time its call-up is used. Will try and verify this in December monitoring."

And finally Mark Taylor, who comments on Mark Slaten's notes:

"A couple of observations on the V2c broadcasts.

5. I have also only heard the 888 16 X2 (P) 212 116 X1 (p)
888 16 X2 (p)
343 72 X5 (P)

However. I have much more frequently heard the "343 72" broadcast here in the midwest than seems to have been reported on the East Coast. (That could be an artifact of which broadcasts I have listened to however.) It has made me wonder about the direction of the broadcasts however.

6. I agree that there are probably only two (maybe three) messages. The set number count and first few and last few sets of numbers are consistent for the "888" and "343" call ups. (I don't have the patience to go through the recordings to spell out all of the sets) Like the V2a broadcasts there are various program errors from time to time (music, Radio Habana interval signals, R. Habana programming snippets.)

<<<<<>>>>>

::: V24

Still alive and kicking. Heard by Tomonori on 16 Dec. at 1508 UTC on 6215 kHz and at 1403 UTC on 5715 kHz.

-0-0-0-0-0-0-0-0-0-0-

* MORSE STATIONS *

::: M08

These are one-day-a-week stations:

11565 kHz, Monday, 1700 UTC
13373 kHz, Monday, 1800 UTC
10714 kHz, Wednesday, 1700 UTC
10445 kHz, Friday, 1700 UTC

<<<<<>>>>>

::: M13

Mark Slaten sends us several M13 transcripts. The first one was heard on 3 December at 2100 UTC on 7824 kHz.

253 (R5) BT 246 20 BT
50977 46540 38990 38200 01824
45114 40980 59935 46594 32617
60710 56477 30690 51924 44230
22908 07778 28118 56384 24536 BT

253 (R1) BT 246 20 BT
50977 46540 38990 38200 01824
45114 40980 59935 46594 32617
60710 56477 30690 51924 44230
22908 07778 28118 56384 24536 BT

0 0 0

The second one was heard on 6795 kHz on 13 Dec at 2300 UTC.

458 (R5) BT 243 21 BT

29911 03246 26530 16325 15003
48326 36482 21740 50652 33097
01180 39498 55601 40078 46948
25426 60485 49234 13312 22854
39132 BT

458 (R1) BT 243 21 BT

29911 03246 26530 16325 15003
48326 36482 21740 50652 33097
01180 39498 55601 40078 46948
25426 60485 49234 13312 22854
39132 BT

0 0 0

<<<<<>>>>

::: M14

JUM heard M14 on 8150 kHz at 0100 UTC, 27-12.

512 (x5 mins)
937 937 25 25 = =
15168 88940 15833 77110 25794 46837 95856 63420 55772 26273


```
27767 31676 15878 97402 18757 74954 32020 67387 67691 77889
53904 92446 69130 55531 43089 = =
937 973 25 25 00000
```

<<<<<>>>>>

::: M16

8BY seems to have vanished. It has not been heard since late August. Where is 8BY? Did it leave HF, or did it switch to a new mode? All the known frequencies are silent, though. No CW and no other modes have been reported.

Please keep your ears open and let me know if you find 8BY again. The station used the following set of freqs: 7668, 10248, 12075, 14931, 18415 and 20946 kHz.

<<<<<>>>>>

::: M21

Russian Air Defense is still active although we receive less reports than in the past.

Frequencies: 3322, 3360.5, 3801, 4951.5, 5371 kHz

Messages: the usual QRV msg =99T223??T?????
and plots like: 1340049629224, 13400486296654

M21 variant "PSNN" can be found on 3301 kHz.

<<<<<>>>>

::: M87

Igor jotted down a couple of lengthy transcript of M87.

Observed at 1402 UTC on 5 Dec, 7263 kHz.

[illegible]

789 789 789 333 333

= =

013 013 52 52

= =

u63au da7d5 6na64 3n6u3 au437 3534n a4uu4 45ata 6n3nu duan5
d43nn anaa7 un576 367nu unu3 a4a5n 4t6u4 46a36 4na64 47tda
nu6d5 tnua7 n64dt da45t 6uaun t57u7 d6ut4 nud75 a3ua7 tnt65
4ut3u 7u43d 365u7 tn5nd un6ua 5ud74 tu7nu tu7nu u7aat 3t4ut u5u3
u5763 at343 4dud3 uad7u d3anu t64ut u7naa dat5d 3ud47 77a77
nn46t utd7a

= =

014 014 39 39

= =

u7dt3 nn6t6 5tnu5 n4du6 tdndu 665u7 47da6 a6u7d 7au6d n6ua5
u36n5 7ut74 na756 n3ut6 d656d 453at dd536 3dt7a 76nad ad7dn
54tt4 t6457 t45nd uu47n 7t34d 47au4 n445d 637ad ut~5~ td7ua
66a66 6uau6 4436t u4dna nn545 aa4nt 4u36t dtuat datn7

= =

333 333 333

= =

013 013 52 52

= =

ud3au da7d5 6na64 3n6u3 au437 3534n n7uu4 45ata 6n3nu duan5
d43nn anaa7 un576 367nu unu53 a4a5d 4t6u4 46a36 4nud4 47tda
nu6d5 ttua7 n64dt da45t 6uaun t57u7 d6ut4 nud75 a3ua7 tnt65
4ut3u 7a43d 365u7 tt5nd un6ua 5ud74 tu7nu u7aat 3t4ut u~5u3
u5763 at343 4dud3 uad7u d3anu t64ut u7naa dat5d 3ud47 77a77
nn46t utd7a

= =

= =

014 014 39 39

= =

u7dt3 nn6t6 5tnu5 n4du6 tdndu 665u7 47da6 a6u7d 7au6d n6ua5
u36n5 7ut74 na756 n3ut6 d656d 453at dd536 3dt7a 76nad ad7dn
54tt4 t6457 t45nd uu47n 7t34d 47au4 n445d 637ad ut~5~ td7ua
66a66 6uau6 4436t u4dna nn545 aa4nt 4u36t dtuat datn7

= =

000 000 ttt

9821 kHz: 0130 UTC, 21 Dec. with operator error: he starts with '000'
(QRU format) and switches to "92" (Msg format)

249 249 249 000 000

249 249 249 000 000

249 249 (stopped)

249 249 249 92 92

249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 249 249 249 92 92
 = = 046 046 20 20 = =
 3d3a3 76duu 3n45a 3747t at37d n4473 duuud u3dn6 6u555 3n576
 d7dn6 4tadt u4754 au5nu tdd56 6dndt 6a364 a4tna a7t46 na55t = =
 = = 067 067 20 20 = =
 aa56n 45t6n 33u66 4a4a7 dnu5a 56644 nt345 t645t u5455 n5nd4
 7tadd d74ta 6476d at64a u4aa6 7n6tt 6t347 5na43 7ad54 d45n7 = =
 333 333 = =
 = = 046 046 20 20 = =
 3d3a3 76duu 3n45a 3747t at37d n4473 duuud u3dn6 6u555 3n576
 d7dn6 4tadt u4754 au5nu tdd56 6dndt 6a364 a4tna a7t46 na55t = =
 = = 067 067 20 20 = =
 aa56n 45t6n 33u66 4a4a7 dnu5a 56644 nt345 t645t u5455 n5nd4
 7tadd d74ta 6476d at64a u4aa6 7n6tt 6t347 5na43 7ad54 d45n7 = =
 000 ttt

9553 kHz: 0900 UTC, 21 Dec.

345 345 345 333 333 (R6)
 = = 063 063 18 18 = =
 u6677 6atud tnatd u63t5 n5nn5 5545n 545u3 476nt 65uun 77tn3
 t3t5d t37ta 737u4 u4546 54ann 45663 765n3 634n7 = =
 = = 333 333
 = = 063 063 18 18 = =
 u6677 6atud tnatd u63t5 n5nn5 5545n 545u3 476nt 65uun 77tn3
 t3t5d t37ta 737u4 u4546 54ann 45663 765n3 634n7 = =
 000 ttt

<<<<>>>>

::: M89

The Chinese naval station L9CC was very active last month. It was heard on a number of frequencies in the range of 7025-7103 kHz.

"V CP17 CP17 CP17 DE L9CC L9CC" on 3544.5, 7025.0, 7053.2, 7056.0,
 7058.6, 7059.6, 7060.7, 7063.7,
 7065.8, 7067.8, 7068.9, 7074.0,

7080.0, 7081.5, 7079.2, 7103.2 kHz
"V MW3D MW3D MW3D DE 2SLC 2SLC" on 3330.0, 4440.0, 5588.0, 7074.0 kHz
"V BFR7 BFR7 BFR7 DE 4XML 4XML" on 5756.0, 8457.1 kHz
"V XY5V XY5V XY5V DE 4PPW 4PPW" on 4928 kHz
"V GM3Z GM3Z GM3Z de PNW9 PNW9" on 5636.1 kHz
"V YAV8 YAV8 YAV8 DE OTUV OTUV" on 8121 kHz
"V XY5V XY5V XY5V DE 4PPW 4PPW" on 3846.0, 4928.0, 8044.0 kHz

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::: MX

Cluster beacons:

D: 3494.7, 4557.7, 5153.7, 7038.7, 8493.7, 10871.7, 13527.7, 16331.7
and 20047.7 kHz. Spurs of 7038.7 kHz on 7000 and 7077.4 kHz. The
beacon apparently had problems on 10871.7 kHz where it transmitted
its call in reverse (U) for 11 days. It was back to normal on 12
December

P: 4557.8, 5153.8, 7038.8, 8494.8, 10871.8, 13527.7 kHz

S: 4557.9, 5153.9, 7038.9, 8494.9, 10871.9, 13527.9, 16331.9,
20047.9 kHz

F: 8495.2, 16332.2 kHz

K: 7039.3, 8495.3, 10872.3 kHz

M: 5154.4, 7039.4, 13528.4, 16332.4 kHz

Channel markers:

L: 3202.8 and 4424.5 kHz

P: 3167, 3192, 3699.9, 4043, 4049, 4051, 4899 kHz

R: 4325.8, 5465.8 kHz

V: 3658 kHz

-0-0-0-0-0-0-0-0-0-0-

* VARIOUS MODES *

S28 - the Buzzer, still going strong on 4625 kHz.

S30 - the Pip on 3756 kHz.

XSW - Squeaky Wheel on 3828.9 kHz.

<<<<<>>>>

::: M42 / X06

5850.0 kHz: Mazielka calls. 02-12, 2136 UTC
6808.0 kHz: Mazoelka calls. 27-12, 1750 UTC
6855.0 kHz: Mazielka calls. 24-12, 2200 UTC
10511.5 kHz: Dep. of State Comms, Moscow. 11 Dec, 0945 UTC. Mode: PSK +
MFSK, switching between 25-tone parallel tone PSK-modem and
32-tone/40Bd MFSK, offline crypto after 11177 90017 etc.

<<<<<>>>>

::: JAMMERS

Unid: 8164

Cuba: 9955, 17670 kHz.

Iran: 3880, 3930, 3940, 3945, 3950, 3955, 3960, 3965, 3970, 4251,
4381, 4610, 6245, 6411, 6420, 15660 kHz.

China: 7480, 7505, 7520, 9670, 11695, 11765, 15525, 15535, 15540, 15660,
17515, 17520, 17525, 17545, 17560, 17730 kHz.

Ukraine: 999 kHz.

The leadership of Voice of Russia radio is determined to
get additional explanations from Ukraine in relation to the
interference in the reception of its broadcasts in Kiev.
According to the Russian Chief Radio Frequency Center there
is "documented evidence of the unauthorized artificial
interference on 999 kHz, the working frequency of the voice
of Russia during the election campaign in Ukraine."
(Source: Interfax, 29 Dec 2004)

-0-0-0-0-0-0-0-0-0-0-

* UNID STATIONS *

::: PHPZ

10541 kHz, 2315 UTC, 4 Nov., Mode: CW

Remarks:

Duplex net; very active from 2200-0100 UTC.; 5FG & 5LG msg's

Traffic sample:

phpz phpz qtc ar
phpz phpz phpz 116 34 50201 116 bt
zba 184179 929387 639370 026955 bt
05020 32835 80560 81712 11060
8553x 927xx 05020 42656 70560
81605 11070 8552x 930xx 05020
30274 91560 61708 11070 85530
920xx 05020 23744 97458 80000
11098 77187 882xx 916xx 05029
k

(Logged by Attu in Alaska)

<<<<<>>>>

::: UNID 4430 kHz

4430.0 kHz, FSK-CW

Messages like:

QQT 934 FM 919876 FOR 238376
8t8 FM 1t1268 FOR 533332
781 FM 1t1t51 FOR 533332 ...
811 FM 919249 FOR 288376
929 FM 1t11tt FOR 533332 k
ar

(Logged by Alf in Central Europe)

<<<<<>>>>

::: YOSEMITE SAM

This very odd pirate station was responsible for a large fox hunt via the WUN mail server. Over 100 messages flooded the list about a station that only transmitted one single line of text, taken from the well known cartoon. The text was preceded by a short burst that sounds like a radar burst. After the burst Yosemite Sam says "Varmint, I'ma gonna blow yah t' Smithereens". The transmitters were possibly located in a desert in the SW of the USA.

Sam was heard between 19 and 24 December on 3700, 4300, 6500 and 10500 kHz. YS used a loop transmission which started on 3700 kHz. The message was then repeated on the next higher frequency after 10 seconds.

Chris has a sound sample on his website, so if you want to know how this infamous station sounds, check this out:

<http://www.spynumbers.com/YosemiteSam.html>

Because some see a terrorist behind every tree, the expected link was quickly made. Someone told me very seriously that the mysterious transmission was in fact a wakeup call for extremists to attack the USA during Christmas.

<<<<<>>>>>

::: BND

The mysterious European NDB "BND" has been active again during the holidays. Like last year it transmitted "Happy Xmas BDN BDN" on 499.28 kHz during Christmas and "HNY BDN" on 1 January. The callsign "BDN" is probably just the inverse of NDB.

-0-0-0-0-0-0-0-0-0-0-

* MILITARY STATIONS *

::: RUSSIAN/CIS/UKRANIAN STATIONS

Morse Broadcasts of the CIS Navy
By Fritz Nusser

Fleet headquarters regularly broadcast plain Russian Morse messages on several frequencies. Knowing the target area of these messages may give some advise about the waters in which the units operate. They can be - at least partially - translated (better: transliterated) with a little patience, using for example an on-line translator offered via Internet. Years ago Tom Roach in the same way investigated traffic of the Soviet trawlers - with surprising results. His article still can be found on the WWW.

The following conventions are proposed:

% means Morse Code	.-.-	the Russian	ja
^	---		tsch
	..--		ju
È	..-..		jo
ch	----		sch

Therefore AIRCRAFT is sent as SAMOL...T, which means SAMOLJOT.

The normal CIS MIL preambles are used, after "BT" the message is repeated. And all messages are - surprisingly - hand sent!

The following messages are disseminated:

1. NAWAREA These are messages edited by the stations of the worldwide NAVAREA network. Rarely heard.
2. NAWIP These are navigational warnings of the CIS Navy. NAWIP means "NAWIGACIf PREDUPREVDENIE". There is always a reference made to the appropriate map "KARTA" of the region.
3. PROGNOZ (PROGNOZ POGODY) Forecast, sometimes: Weather Forecast.
4. CHTORMOWOE PREDUPREVDENIE Storm warning.

- Example 1:

RBE86 de RCV QTC 733 32 6 0450 733 = NAWIP 038 2320 karty 32311 93240 itali% u`nia podwodnyh lodok 06 0400 do 08 0600 dek plawanie zapreżeno rajone s 731 centrom 40/09 s 017/00 w otm Ètot nr 08 0700 dek +

RBE86 de RCV QTC 733 32 6 0450 733 = Navigational Warning region 038 nr 2320 maps 32311 93240 Italy underwater (works?) at day 06 0700 until day 08 0600 December. Cruising forbidden in area s 731 centered at 40/09 N 017/00 E. Cancellation at 08 0700 +

Remark: In coordinates "S" (severo) means "N" (north)
 "W" (wostok) means "E" (east)

- Example 2:

RBE86 de RCV QTC 519 39 5 1430 519 = NAWIP 038 2318 karta 32213 itali% strelxby torpednye 06 09 i 10 dek 0700 do 1600 rajone 37/00 s 015/25 w 37/11 s 015/25 w 37/11 s 015/38 w 37/00 s 015/38 w otm Ètot nr 10 1700 dek +

RBE86 de RCV QTC 519 39 5 1430 519 = Navigational Warning region 038 nr 2318 map 32213 Italy torpedo firing on December 6 9 and 10 0700 until 1600 in the area 37/00 N 015/25 E 37/11 N 015/25 E 37/11 N 015/38 E 37/00 N 015/38 E. Cancellation at 10 1700 +

- Example 3:

RKZ de RCV QTC 403 20 15 1210 403 = chtormowoe preduprevdenie nr 838
14/17 ^asom 15 dekabr% bejrute ovidaets% sewero wosto^nyj weter 12/15
porywy 18 more 3/4 +

RKZ de RCV QTC 403 20 15 1210 403 = Storm Warning nr 838 for 14/17
hours on December 15. Region Beirut easterly winds expected 12/15 in
gusts 18, sea 3/4 +

Remark: Windspeed seems to be in m/s, height of the waves in m.

- Example 4:

RKZ de RCV QTC 863 17 7 1050 863 = prognoz ot 1800 7 do 1800 9 no%br%
sedizemnoe more wostok tartus wosto^nyj ,vnyj 6/9 more 2 +

RKZ de RCV QTC 863 17 7 1050 863 = Forecast from 1800 7 until 1800 9
November Mediterranean Sea east of Tartous southeasterly winds 6/9 sea
2 +

Remark: Tartous is a coast of Syria.

- Example 5:

RKZ de RCV QTC 769 35 19 1649 769 = prognoz pogody 1800 19 do 1800 20
dekabr% sredizemnoe more wostok tartus wosto^nyj ,go wosto^nyj 7/10
no^x, utrom 10/13 more 2/3 no^x, utrom 3/4 utrom dnem 8 ovidx gau 1020
0010 1088 0020 1075 0030 1066 +

RKZ de RCV QTC 769 35 19 1649 769 = weather forecast 1800 19 until 1800
20 December. Mediterranean Sea east of Tartous east/south/easterly (wind)
7/10 in the night/morning 10/13 sea 2/3 in the night/morning 3/4 in the
morning/afternoon 8 expected ??? 1020 0010 1088 0020 1075 0030 1066 +

- Dictionary

ADRIATI÷SKOE MORE	ADRIATIC SEA
AWARI÷f	AVERAGE
DOVDE	RAIN
GROZA	THUNDERSTORM
MAN...WRY	MANOEUVRES
OBLAST	REGION
OPASNO	DANGER
SEWERONOE MORE	NORTH SEA
UPRAVNENIE	EXERCISE
ZAPREQENO	FORBIDDEN

<<<<<>>>>>

Logs:

Freq QSX Callsigns / remarks

18.1 RDL: Russian Military from Krasnodar VLF site.
2012.5 MTHR, MBPN, BA2Q
2478.5 EPMB
2611 WGAY
2737 REA4: Airforce HQ Moscow //4179//7018 kHz
3207 SCT8, THEP, ATXS, OTG2, B2VK, A39Y, 074Z, ILS3, 5RLJ, GJZH,
KK2C, 80BZ, 073I, QWKW
3211 3863 Ukranian Military. ZENC, EGVM, EGVM, NV7R, SPFK, CU7M,
4S9R, 3HJE, NV7R, 1LFJ, JCHJ
3354 ORZI, KSZG, SZ4S, APDC, JYVS, ASCK
3582 FTJN, A2XZ, SVMS, GRGR, MKZI, QCVD.
13 x 4FG msg to unknown 401 = 4532 9876 ... 8750 2213 K.
Then MKZI de GRGR ZBT ZGV ZDN K.// OK K// QRV K. Repeats
back a 13 x 4FG msg to MKZI and quiet until QCVD calls.
3657 Ukranian Military. P99P, S210
P99P 746 62 15 2315 746 = 11111 23567 ... 40305 15060 K.
C K. P99P de S210 QRU 8 K. S210 de P99P OK K. P99P de S210
QTR ? K.
3775 Ukranian Military. BA2I, 4ILX, V4DU, 2WWN, QTM5, 3AQM,
LQ6J
3826 Ukranian Military. 6UI5, 4XDD, XHM5, LC9J, ZQSP
3863 3211 Ukranian Military. NV7R, 3HJE, JCHJ, 1LFJ
3933 RFFO, RFFN, RFFR, RFFP, RFFM
4179 REA4: Airforce HQ Moscow
4826 Ukrainian Mil. VW7T, AA1R, SWC1, IOMU, AMBG, CT5A, 8IH0,
ASOZ, P89K, ZKTS, 6ZEE, YXFL, E9AZ, VISU
5325 RND79: Russ AF, Moscow, calling RFT6: "VVV RFT6 RFT6 RFT6
DE RND79 RND79 ZHC?"
7018 REA4: Airforce HQ Moscow //2737//7018 kHz
10201 RCV: Russian navy. Message: rkz rkz rkz de rcv rcv qtc
149 26 26 1455 149 = grognoz pogody ot 180

<<<<<>>>>>

::: POLISH STATIONS

2239.0 kHz: Czajka96: radio check with unid station
7019.9 kHz: Unid station spelling "Karel, Susan, Urban, Stanislaus,
Wazlav..."

<<<<<>>>>>

::: ASIAN STATIONS

Chinese Air Defense (tentative)

Logged by Igor on 13 Nov. at 0455 UTC. Freq: 5701 kHz, CW.

5643 unn33d4 55
5643 unn33d5 56
5643 unn3373 56
5643 unn3374 56
5643 unn3374 56
5643 unn34a3 56
5643 unn34a3 56
5643 unn34a4 56
5643 unn34d3 57
5643 unn34d4 57
5643 unn34d5 57
5643 unn3473 57
5643 unn3475 5d
5643 unn34ua 5d
5643 unn35ud 5d
5643 unn35ud 5d
5643 unn35nn 5d
5643 unn35aa 5d
5643 unn35n6 5n
5643 unn356n 5n
5643 unn3566 5n
5643 unn3565 5n
5643 3tn33a7 tt
5643 3tn33u4 tt

Indian Paramilitary traffic was observed on 7005, 7020, 7030 and 18076 kHz.

Military traffic from Myanmar was noted on: 7018, 7045, 7070 and 7073 kHz.

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::: SOUTH AMERICAN STATIONS

14403.2 kHz: c/s LTQ6, Argentine Army. Radio check with LTQ in USB on 14402.5 kHz.

Brazilian Air Force frequencies (all USB): 7929, 08834, 9010, 13224, 13586, 13972, 13978, 16355, 17982 kHz

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::: VENEZUELAN STATIONS

Compiled by Ron.

From 5-12 Dec 2004, the Venezuelan Navy conducted a large-scale exercise "Operation Liberating Armada".

According to their web site "the Venezuelan Navy (Armada) is mounting battle simulation exercises supposedly for the first time in its history. Although the Navy and other branches of the Venezuelan Armed Force (FAN) annually take part in joint exercises with the Armed Forces of other countries such as the USA, it has never organized one of its own.

The exercise will be commanded from Puerto Cabello between December 5-12 and will go by the code name "Operation Liberating Armada."

Central Naval Zone chief, Rear Admiral (LH) Francisco Ugarte Acosta says the Air Force (FAV) will take part in joint attack and interception exercises and together with the Army there will be firing practices off Orchila island. The island of La Orchila is located approximately 50 km east of the Los Roques archipelago and 160 km northwest of Caracas. Its geographical coordinates are approximately: 11° 47' to 11° 55' North latitude, and 66° 05' to 66° 12' West longitude.

Two navy frigates are taking part along with a transport ship, 4 patrol boats and 4 helicopters. Naval War School director, Rear Admiral Gerardo Casanas Arroyo reports that each one of the navy commands will plan the exercises as a part of a new policy of unifying military actions."

Using my Icom R-75 (with PC-ALE) and Sangean ATS 909 with attic-mounted wire antennas I was able to capture extensive HF ALE, voice and data communications used during this exercise. Unfortunately my Spanish-language capability is rather weak so I was only able to capture some call signs, numbers, and common radio procedures. I was not able to decode the encrypted voice or data signals.

Below is a compilation of information I was able to derive from the HF ALE portion of the exercise along with some research on the web.

Venezuelan Navy frequencies:

4632.0 USB 6357.0 LSB
6888.0 LSB 6890.0 USB
6895.0 USB 7849.0 USB *)
8270.0 LSB 8280.0 LSB
8285.0 LSB 8291.0 LSB

8297.0 LSB	8340.0 LSB
8358.0 LSB	8525.0 LSB
8582.0 LSB	8810.0 LSB
8825.0 USB & LSB	8500.0 USB
9017.0 LSB	9070.0 LSB
9075.0 LSB	9190.0 USB
9350.0 LSB	9355.0 LSB
9380.0 LSB	9390.0 LSB
9400.0 LSB	10272.0 USB *)
10600.0 USB *)	10650.0 LSB
12220.0 LSB	12479.0 LSB
12480.0 LSB	12528.5 LSB
12546.0 LSB	12600.0 LSB
12660.0 LSB	13139.0 LSB
13500.0 USB	14759.0 LSB
14790.0 LSB	14911.0 LSB
16458.0 LSB	16680.0 LSB
17080.0 LSB	17380.0 LSB
19098.0 LSB	19200.0 USB
20400.0 LSB	22245.0 LSB

*) shared with the Army & National Guard

ALE Identifiers as seen in traffic:

Naval Organizations:

Armario	- Naval base (named after Agustin Armario de Puerta Cabella), Puerto Cabella
BDIRCO	- Battalion de Ingenieros de Combata (Combat Engineer Battalion)
BNA	- Naval Base "Amario"
BNARCO	- Commando, Basa Navale "Amario"
BNF	- Naval Base "Mariscal Juan Cris�stomo Falcon", Punto Fijo
BNFACO	- Naval Base "Mariscal Juan Cris�stomo Falcon", Punto Fijo
BNG	- Naval Base "Guira"
CANCO	- Commander, Naval Aviation Command (Commando Aviacion Navale)
CEDOP	- Fleet Command, Director of Operations / Comando de Escuadra, Direccion de Operaciones
CFLCO	- Commander, HQS Riverine Force-- Commando, Cuartel Fluvial
CGARM	- Navy HQs (Cuartel General de Armada)
CGA	- Navy HQs, (Cuartel General Armada)
CGACO	- Commander, Venezuelan Navy- Comando, Cuartel General Armada
CNZACE	- Central Naval Zone, Squadron Commander
COFFRI1	- Commando Fluvial Fronterizo " General de Brigada Franz Riquez Iribarren"
CUMANA	- Naval Base, Cumana
DCCOP	- Naval Operations Directorate / Direccion de Coordinacion Y

Control Operacional

DHN - Hydrographic & Navigation Directorate--Direccion de Hidrografia y Navegacion
DIVIMBO - Division de Infanteria de Marina (Naval Marine Infantry)
DIVIMC01 - unidentified
EPG - Coast Guard Station (Estacion Principal de Guardacostas)
EPGLG - Coast Guard Station, La Guaira (Estacion Principal de Guardacostas)
Falcon - Naval Base "Mariscal Juan Cris stomo Falc n"
PR1 - Radio Station 1 (Puesto Radio)
PR2 - Radio Station 2 (Puesto Radio)
PR4 - Radio Station 4 (Puesto Radio)
PR5 - Radio Station 5 (Puesto Radio)

Naval Vessels:

ALB - Venezuelan Coast Guard Point Class cutter "Albatroz"
ALBATROZ - Venezuelan Coast Guard Point Class cutter "Albatroz"
BE11 - Training Ship "Simon Bolivar", BE-11
BOLIVAR - Training Ship "Simon Bolivar", BE-11
BOLIVAR - Replenishment Oiler " Ciudad Bolivar" T-81
BRION - Frigate, "Almirante Brion", F-22
CAPANA - Capana-class Medium Landing Ship " Capana", T-61
CLEMENTE - Venezuelan Coast Guard Frigate, "Almirante Clemente", GC-11
CONSTITUCION - Constitucion-class Missile/Fast Attack Craft, "Constitucion", PC-11
FEDERACION - Constitucion-class Missile/Fast Attack Craft, "Federacion", PC-12
F21 - Frigate "Mariscal Sucre" F-21
F22 - Frigate "Almirante Brion" F-22
F24 - Frigate "General Soublette", F-24
F26 - Frigate "Almirante Garcia" F-26
GC11 - Venezuelan Coast Guard Frigate, "Almirante Clemente", GC-11
GC12 - Venezuelan Coast Guard Frigate " General Jose Trinidad Moran" GC-12
Goijaira - LSM "Goijaira", T-63
INDEPENDENCIA - Constitucion-class Missile/Fast Attack Craft, "Independencia", PC-13
LIB - Constitucion-class Missile/Fast Attack Craft "Libertad", PC-14
LIBERTAD - Constitucion-class Missile/Fast Attack Craft "Libertad", PC-14
LLANOS - Amphibious Support Ship, "Los Llanos", T-64
NEGRON - Protector-class Patrol Boat, "Rio Negro", B-8424
PC12 - Constitucion-class Missile/Fast Attack Craft, "Federacion", PC-12

PC13	-	Constitucion-class Missile/Fast Attack craft, "Independencia" PC-13
PC16	-	Constitucion-class Missile/Fast Attack craft, "Victoria", PC-16
PUNTABRAVA	-	Oceanographic Support Ship "Punta Brava", BO-11
RIONEGRO1	-	(Venezuelan National Guard Protector-class patrol craft)
SOUBLETTE	-	(Frigate "General Soublette", F-24
SUCRE	-	Frigate "Mariscal Sucre", F-21
T-61	-	LST "Capana" T-61
T-63	-	LSM "Goijaira" T63
T-64	-	LSM "Los Llanos" T64
T-72	-	LCU " La Orchila" T-72
T-81	-	Replenishment Oiler " Ciudad Bolivar" T-81
VICTOR	-	Constitucion-class Missile/Fast Attack craft, "Victoria", PC-16

ALE "Order of Battle":

1. Naval Base at Puerto Cabella ("Amario")

a. Frigate Squadron:

F21 - Frigate "Mariscal Sucre"
 F22 - Frigate "Almirante Brion"
 F24 - Frigate "General Soublette",
 F26 - Frigate "Almirante Garcia"
 BRION - Frigate, "Almirante Brion", F-22
 SOUBLETTE - Frigate "General Soublette", F-24
 SUCRE - Frigate "Mariscal Sucre", F-21

b. Amphibious Support & Auxiliaries Squadron:

T61 - LST "Capana"
 T63 - LSM "Goijaira"
 T64 - LSM "Los Llanos"
 T72 - LCU " La Orchila"
 T81 - Replenishment Oiler " Ciudad Bolivar"
 PUNTABRAVA - Oceanographic Support Ship "Punta Brava", BO-11
 LLANOS - Amphibious Support Ship, "Los Llanos", T-64
 CAPANA- Capana-class Medium Landing Ship " Capana", T-61
 BE11 - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Training Ship "Simon Bolivar", BE-11
 BOLIVAR - Replenishment Oiler " Ciudad Bolivar" T-81

2. Naval Base at Punto Fijo ("Mariscal Juan Cris stomo Falc n")

Patrol Squadron:

CONSTITUCION - Constitucion-class Missile/Fast Attack Craft,

"Constitucion", PC-11
VICTORIA - Constitucion-class Missile/Fast Attack craft,
"Victoria", PC-16
INDEPENDENCIA - Constitucion-class Missile/Fast Attack Craft,
"Independencia", PC-13
LIBERTAD - Constitucion-class Missile/Fast Attack Craft
"Libertad", PC-14
FEDERACION - Constitucion-class Missile/Fast Attack Craft,
"Federacion", PC-12
PC11 - Constitucion-class Missile/Fast Attack Craft,
"Constitucion"
PC12 - Constitucion-class Missile/Fast Attack Craft,
"Federacion"
PC13 - Constitucion-class Missile/Fast Attack craft,
"Independencia"
PC16 - Constitucion-class Missile/Fast Attack craft,
"Victoria"

3. Coast Guard at La Guaira

GC11 --Venezuelan Coast Guard Frigate, "Almirante Clemente"
GC12 - Venezuelan Coast Guard Frigate "General Jose Trinidad Moran"
CLEMENTE - Venezuelan Coast Guard Frigate, "Almirante Clemente"
MORAN - Venezuelan Coast Guard Frigate "General Jose Trinidad Moran"

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* MEMORY LANE *

Many of you do remember the late Havana Moon. I found a couple of his "Los Numeros" columns from 1990 and 1991. In one of them he mentions his top 10 numbers frequencies. Some of them are still on the air, on the same frequency even.

1. INTERCEPT: 6824 kHz, 0500 UTC.

DETAIL: Gypsy violin music followed by a brisk male announcer passing 5-Digit Romanian numbers traffic.

COMMENT: The last known intercept of this infrequently heard station - which very rarely passes traffic -was in 1986. This transmission ended with "Terminat" repeated 3x.

2. INTERCEPT: 6785 kHz, 0505 UTC.

DETAIL: 5-D Spanish, signal 40 over S-9 with occasional deep sky wave fades - much like a clear channel broadcast band station. Audio was muffled.

INTERCEPT: 6824 kHz, 0509 UTC.

DETAIL: 5-D Spanish, signal peaking at S-9. Fading pattern was seemingly identical as the transmission on 6785, but not in parallel. Audio was also muffled. 6785 ended its message at 0514 and went to open carrier. 6824 ended at 0520. Both stations left the air a few seconds later, seemingly simultaneously. (H. Helms, CA)

COMMENT: Curious time management - could these two transmissions have come from the same transmitter site?

3. INTERCEPT: 5015 and 7404 kHz, 0000 UTC.

DETAIL: Papa November 3/2 format German Numbers preceded by a musical interval signal, reminiscent of a music box. (G. Zeller, OH)

COMMENT: Papa November stations continue to be heard with great regularity in this country in spite of the radical changes in Eastern Europe.

4. INTERCEPT: 31.268 MHz, 1800 UTC.

DETAIL: 5-D Spanish, heard in Northeastern Missouri at mid-day on a scanner. (Z. Eaton, MO)

COMMENT: This isn't the first time Numbers transmissions have been reported in this frequency range. Curious. Very curious. Was this skip? Or was it something else?

5. INTERCEPT: 4881 kHz, 0300, 0330, 0400, ad infinitum.

DETAIL: This station makes the top ten only because of its persistence. Commonly called "Bulgarian Bette", this YL announcer sits on this frequency night after night reciting numbers.

COMMENT: Although the language used in these transmissions has long been thought to be Slavic in origin, there is ongoing controversy as to whether or not it is a true Slavic language. A recent Radio Netherlands Media Network report suggested that the language is in fact Macedonian. That's right, Macedonian. And to think I thought that went out with Alexander the Great!

6. INTERCEPT: 7415 kHz, 0345 UTC.

DETAIL: The regular high speed CW Numbers transmission on this frequency is generally preceded by a long string of CW "E's". On the night in question, the frequency was occupied by a band of Pirate radio broadcasters. The CW operator

replaced his usual string of E's with a string of very clearly heard "...-...-..."s.

COMMENT: Guess the Soviet Naval station that occupies that frequency isn't totally lacking in humor, now, is it?

7. INTERCEPT: 8063 kHz, USB, 0531 UTC.

DETAIL: Multitone interval signal with station ID as Lima Alpha repeated for five minutes. Followed by "Achtung" and 5-Digit German Numbers.
(W. Blight, MD)

COMMENT: The Lima Alpha Stations fall into the Papa November family of Numbers and are extremely rare in this country. Good Catch!

8. INTERCEPT: 10125 kHz, 0200 UTC.

DETAIL: Echo Zulu India - usually a full message with text - an English phonetic alphabet station attributed to the Israeli Mossad. On the night in question, it changed its format and passed no message. The header changed to Echo Zulu India Two. (K. Kaye, NY)

COMMENT: A header of this kind is indicative of a "No Traffic" message. A sudden shift in format can be significant in circumstances where repetition and conformity are generally the rule.

9. INTERCEPT: 22110 kHz, 1400 UTC.

DETAIL: 5-D English, repeating groups. YL announcer with a marked accent. Transmission ended with the following 5-D group - 0 0 0 0 0.
(A. Tannenbaum, MA)

COMMENT: This got even more interesting. At various times, this transmission has been found on 22220 and 22330. Maybe we'll find it on 22440 one of these days.

10. INTERCEPT: 7411 kHz, 1918-1920 UTC.

DETAIL: "Hilarious Numbers Parody" as reported in the May edition of The A*C*E Bulletin. 5-Digit Spanish Numbers, male announcer, all numbers were replaced with words for Mexican food, eg. Tequila-Guacamole-Frijole-Tortilla-Chili; Nacho-Nacho-Guacamole-Burrito-Tortilla, etc."
(The A*C*E Bulletin)

COMMENT: It takes all kinds, so make mine a Tecate . . .

-0-0-0-0-0-0-0-0-0-0-

* INTELLIGENCE NEWS *

::: RUSSIA

Alexander Torshin, the Federation Council vice-speaker who heads the parliamentary commission investigating the Beslan school seizure, has told Interfax that a foreign intelligence agency was involved in the September terrorist attack. "So far we have indirect evidence of this involvement, therefore I consider it premature" to name the country involved, Torshin said. "But when we gather enough convincing evidence, we will not hide it." (Source: American Foreign Policy Council)

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FSB Director Nikolai Patrushev has said that the United States, China and North Korea are among the most active countries trying to steal Russia's secrets. The FSB has exposed 18 foreign-intelligence officers this year and caught six "red-handed," the Russian spy chief said in comments carried by the Associated Press. He did not identify the countries involved. Patrushev also said that "about ten" al-Qaeda agents had been discovered in the North Caucasus and that the FSB was working to "neutralize" them. (Source: American Foreign Policy Council)

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::: RUSSIA / ESTONIA

The Moscow District Military Court sentenced a former official of the FSB to 10 years in prison for spying for Estonia. Igor Vyalkov was found guilty of high treason. The investigation found that he had delivered secret information to Estonian intelligence for financial gain in 2001-2002. He was detained at the end of 2002. Vyalkov's case was considered by a military judge. The court also ruled to strip him of his rank of lieutenant-colonel. The former FSB official had also been charged with illegally crossing the border, but was not found guilty of the charge because of the termination of the limitation statute. (Source: ITAR-TASS)

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::: IRAN / ISRAEL

Iran announced on 23-12 that its security services have arrested 10 persons suspected of revealing information regarding its nuclear program to the American and Israeli intelligence agencies. Speaking to the media,

Iranian Intelligence Minister Ali Yunesi said that the suspects were apprehended in Tehran and in the southern Hormozgan province. Israeli intelligence sources said that they were not aware of the affair. Three of those arrested were described by Yunesi as being members of the Iranian Atomic Organization. The rest were "not state employees."
(Source: Haaretz Daily)

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::: THE NETHERLANDS

Dutch intelligence officials warned that radical Islamic ideology is spreading to thousands of young Dutch Muslims through Internet web sites and on line chat rooms.

The Dutch intelligence agency, known by its acronym AIVD, identified the potential threat in an overview of domestic fundamentalist Islamic movements compiled for the Home Affairs Ministry.

Concerns about radical Islam are rising in Netherlands after filmmaker Theo van Gogh who was shot and stabbed to death last month on a busy Amsterdam street. A letter pinned to his chest with a knife threatened politicians and other "infidel nonbelievers."

The 60-page report said eight sources of radical Islam pose a threat to the country, ranging from Salifist mosques openly preaching anti-western, antidemocratic ideas to an underground political movement encouraging violent jihad, or holy war.

(Source: Associated Press)

Note:

You can download the report from the AIVD home page. It is in Dutch. Check this website also for other interesting publications.

<http://www.minbzk.nl/contents/pages/10835/notavandawatotjihad.pdf>

-0-0-0-0-0-0-0-0-0-0-

* INTELLIGENCE PROFILE: TURKEY *

::: BACKGROUND

Present-day Turkey was created in 1923 from the Turkish remnants of the Ottoman Empire. Soon thereafter, the country instituted secular laws to replace traditional religious fiats. In 1945 Turkey joined the UN, and in 1952 it became a member of NATO. Turkey intervened militarily on Cyprus in 1974 to protect Turkish Cypriots and prevent

a Greek takeover of the island; the northern 37 percent of the island remains under Turkish Cypriot control. Relations between the Turkey and Greece have improved greatly over the past few years. In 1984, the Kurdistan Workers' Party (PKK), a Marxist-Leninist, separatist group, initiated an insurgency in southeast Turkey, often using terrorist tactics to try to attain its goal of an independent Kurdistan. The group - whose leader, Abdullah OCALAN, was captured in Kenya in February 1999 - has largely ceased violent attacks since it declared a unilateral cease-fire in September 1999. Nonetheless, occasional clashes have occurred between Turkish security forces and armed PKK militants, many of whom remain in northern Iraq. In April 2002, the PKK changed its name to the Kurdistan Freedom and Democracy Congress (KADEK). In November 2003, the group changed names again, becoming the Kurdistan People's Congress (KHK).

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::: GENERAL

Country name: Turkiye Cumhuriyeti (Republic of Turkey)
Short form : Turkiye (Turkey)
Capital : Ankara

Administrative divisions:

81 provinces (iller, singular - il); Adana, Adiyaman, Afyon, Agri, Aksaray, Amasya, Ankara, Antalya, Ardahan, Artvin, Aydin, Balikesir, Bartin, Batman, Bayburt, Bilecik, Bingol, Bitlis, Bolu, Burdur, Bursa, Canakkale, Cankiri, Corum, Denizli, Diyarbakir, Duzce, Edirne, Elazig, Erzincan, Erzurum, Eskisehir, Gaziantep, Giresun, Gumushane, Hakkari, Hatay, Igdir, Isparta, Istanbul, Izmir, Kahramanmaras, Karabuk, Karaman, Kars, Kastamonu, Kayseri, Kilis, Kirikkale, Kirklareli, Kirsehir, Kocaeli, Konya, Kutahya, Malatya, Manisa, Mardin, Mersin, Mugla, Mus, Nevsehir, Nigde, Ordu, Osmaniye, Rize, Sakarya, Samsun, Sanliurfa, Siirt, Sinop, Sirnak, Sivas, Tekirdag, Tokat, Trabzon, Tunceli, Usak, Van, Yalova, Yozgat, Zonguldak

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::: MILITARY BRANCHES

Land Forces, Air Force, Naval Forces Command (includes Naval Air and Naval Infantry), Coast Guard Command, Gendarmerie

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::: SECURITY & INTELLIGENCE

Milli Istihbarat Teskilati (MIT)

Emniyet Genel Mudurlugu (EGM)
Icosleri Bakanligi (IB)
Ozel Haraket Tim (OHT)
Ozel Jandarma Komando Bolugu (OJKB)
Disisleri Bakanligi (DB)
Genelkurmay Baskanligi (GB)

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::: Milli Istihbarat Teskilati (MIT)
National Intelligence Organization

The first Turkish intelligence organization was established in 1914. It was called Teskilat-i Mahsusa (Special Organization). That organization was replaced by Karakol Cemiyeti (Police Guild) in 1918. In 1920 KC dissolved and the Hamza Grubu (Hazma Group) was established, but not for long because in 1921 it changed its name in Felah Grubu (Felah Group). Between 1920 and 1965 a number of organizations were established and closed down again. To name a just few: Askeri Polis Teskilati (Military Police Organization or "AP"), Tedkik Heyeti Amirlikleri (Inspection Board Directorates) and the Mudafaa-i Milliye (National Defense). The Turkish Grand National Assembly officially approved the establishment of the latter, which became known as "MIM". Milli Emniyet Hizmeti "MAH" (National Security Service) was founded by Ataturk in 1926 appeared to be a good organization as it stood out until 1965.

On July 22, 1965 law 644 became into force and MAH changed its name in Milli Istihbarat Teskilati "MIT" (National Intelligence Organization). The same law also provided for the control of the organization by an Undersecretary that would be subordinate only to the Prime Minister in the fulfillment of duties defined under the law.

I have copied a small part of the Law in which the general duties are defined.

The MIT is in charge of collecting nationwide security intelligence on existing and potential threats from internal and external sources conducted against

- the territorial and national integrity;
- the existence, independence and security;
- all the elements that make up the constitutional order and the national power of the Republic of Turkey.

Intelligence is passed on to the President, the Prime Minister, the Chief of General Staff, the General Secretary of the National Security Council and the other relevant state organizations.

The MIT is in charge of meeting the intelligence requirements and

needs of the President, the Prime Minister, the Chief of General Staff, the General Secretary of the National Security Council and the other relevant ministries in the preparation and implementation of the plans concerning the national security policies of the State.

The MIT is in charge of counter-intelligence.

The MIT can not be given any other duty than those mentioned above and this organization can not be led to any other field of activity than collecting intelligence concerning the security of the State.

MIT's organization:

Undersecretary

- Inspection Board Directorate
- Legal Counselor
- Media Relations Dept
- Dept of General Coordination
- Deputy Undersecretary (Intelligence)
 - Dir of Intelligence
 - Dir of Psychological Intelligence
 - Dir of Electronic and Technical Intelligence
 - Dir of Computer Systems
- Deputy Undersecretary (Operations)
 - Dir of Operations
 - Regional Directorates
 - Representations abroad
- Deputy Undersecretary (Administrations)
 - Dir Personnel
 - Dir of Administrative Affairs
 - MIT Training Center
 - Secretariat of Defence

- DIRECTORATE OF PSYCHOLOGICAL INTELLIGENCE

This directorate is in charge of psychological intelligence within and outside the country.

- DIRECTORATE OF ELECTRONIC AND TECHNICAL INTELLIGENCE

The main duties of this directorate are ELINT (Electronic intelligence) and SIGINT (Signal intelligence) activities. Within the framework of the duties and responsibilities as defined under the law, the MIT is successfully conducting its primary mission of counteracting all electronic and technical attacks against Turkey.

- DIRECTORATE OF INTELLIGENCE

The directorate is responsible for determining the information needed on the internal and external elements threatening the national and territorial integrity, the existence, the freedom, the security, the Constitutional order and the institutions of the Republic of Turkey; for passing this need to the operational units; and for disseminating the intelligence produced after assessing the gathered information to the relevant institutions at the right time.

- THE DIRECTORATE OF OPERATIONS

After the intelligence requirements are determined by the Directorate of Intelligence, the Directorate of Operations will take over. This unit collects information from covert sources in Turkey and abroad for the MIT.

The directorate also collects intelligence about organized crimes such as drugs trafficking, money laundering and the proliferation of weapons of mass destruction, either for terrorist or ideological purposes. In accordance with Law 2937, the MIT's interests include domestic and external organizations, financial resources, acts and movements of subversive or separatist elements working against the Constitutional order of the Republic of Turkey. Another duty of the directorate is to prevent the activities of foreign intelligence organizations in Turkey, such as collecting information or manipulating some individuals or groups.

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::: Icosleri Bakanligi (IB)
Ministry of Interior

The MoI directs the National Police and several special commando units.

- Emniyet Genel Mudurlugu "EGM" (General Directorate for Security) which is responsible for internal security operations and the collection of security intelligence;
- Ozel Hareket Tim "OHT" (Special Police Forces);
- Ozel Jandarma Komando Bolugu (OJKB) a special commando unit of the police (Gendarmerie). This is the main counter-terrorist unit. It has three special force companies and is specialized in anti-terrorist operations, hostage rescue and anti-hijacking, as well as riot control. In times of war the Gendarmerie falls under military command.

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::: Disisleri Bakanligi (DB)
Ministry of Foreign Affairs

The MFA has a small intelligence assessment section. It also runs a research center.

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::: Genelkurmay Bakanligi (GB)
Chief of the General Staff

The GB directs the Turkish military intelligence unit "J2". In addition to "J2" the army, navy and air force all have intelligence units.

According to the Turkish Daily News (11 July 1997) the GB also runs an unit that monitors illegal islamic fundamentalist activities.

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Sources:

<http://www.mit.gov.tr/>
CIA World Factbook
Espionage, an encyclopedia of spies and secrets
Brassey's International Intelligence Yearbook 2003

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* LOGS SECTION *

2626	E10	FTJ AM 8-12-2004 2139 (AB)
2743	E10	ULX AM 14-12-2004 2130 (AB)
3025.0	M08c	ID ----- 12911 (in progress - missed callup) CW 16-12-2004 Thu 1000 (MS)
3150.0	E10	MSG FOR "PCD" // 4270 kHz - MSG GROUP 62 YCHYN KAHLA KQNOG ZXFNI RGSEX USB 31-12-2004 Fri 0003 (NS)
3150.0	E10	Calling "PCD" - Msg follows. // 4270 kHz Msg Group 59 = STEVP VVXWZ FGW.C EGFHD USB 31-12-2004 Fri 2330 (NS)
3167	MX	Channel marker "P" CW 14-12-2004 2130 (RGA)
3192	MX	Channel marker "P" + cw message CW 14-12-2004 2115
3202.8	MX	Channel marker "L" CW 4-12-2004 2135 (AB)
3230	E10	VLB2 AM 4-12-2004 2145 (AB)
3245.0	V02	75572/68211/55462//S800M//Brooklyn USB 13-12-2004 Mon 0500 (GS)
3270	E10	CI02 AM 4-12-2004 2145 (AB)
3270	E10	CI02 AM 8-12-2004 2148 (AB)
3292.0	V02a	In progress (before ToH); poor conditions. USB 7-12-2004 Tue 0359 (MT2)
3292.0	V02a	in progress at tune in. USB 16-12-2004 Thu 0203 (MT2)
3297.0	M08	In Progress//S800M//Brooklyn CW 30-12-2004 Thu 0500
3330	M89	V MW3D MW3D MW3D DE 2SLC 2SCL CW 20-12-2004 1515

(JUM)

3360.0	E10	KPA (no msg) AM 16-12-2004 Thu 0017 (RNL)
3360.5	M21	Russian Air Defense CW 8-12-2004 1224 (JUM)
3389.0	V02a	In Progress//S800M//Brooklyn USB 28-12-2004 Tue 0526
3415.0	E10	Calling "ART 2" - No msg. // 5435 kHz USB 31-12-2004 Fri 2330 (NS)
3485	M62	CW 19-12-2004 1429 (AB)
3494.7	MX	Cluster beacon "D" CW 10-12-2004 2303 (AB)
3522.0	M10	555x3 017 (fades out - too weak) CW 21-12-2004 Tue 0400 (MS)
3522.0	M10	555x3 878x3 26 (R5)(// freq on 4007m) CW 21-12-2004 Tue 0430 (MS)
3522.0	M10	555x3 646x3 18 086x3 25 (R5)(// freq on 5027m) CW 21-12-2004 Tue 0450 (MS)
3522.0	M10D	Very strong on an internet radio in Germany MCW 6-12-2004 Mon 0400 (Red)
3523.0	M10	555x3 332x3 39 387x3 38 (R5) CW 28-12-2004 Tue 0400
3523.0	M10	555x3 788x3 34 (R5) (//freq on 4007m) CW 28-12-2004 Tue 0430 (MS)
3523.0	M10	(in progress - //freq on 5077m) CW 28-12-2004 Tue 0450
3544.5	M89	V CP17 CP17 CP17 DE L9CC L9CC CW 17-11-2004 2140 (IARUMS)
3550	E10	MIW2 AM 24-12-2004 0025 (Dco)
3564.0	S10D	Very good signal into Rommele with the EWE Array and ICOM R75 AM 16-12-2004 Thu 2020 (Red)
3631.0	M10D	Very good signal into Rommele with the EWE Array and ICOM R75 CW 16-12-2004 Thu 1800 (Red)
3640	E10	SYN2 AM 4-12-2004 2145 (AB)
3658	MX	Channel marker "V" CW 10-12-2004 2252 (AB)
3658	MX	Channel marker "V" CW 14-12-2004 2114 (AB)
3699.9	MX	Channel marker "P" + cw message CW 14-12-2004 2115
3756	S30	Pip CW 10-12-2004 2308 (AB)
3801	M21	Russian Air Defense 1340049629224- 13400486296654 CW 28-12-2004 0710 (WP3)
3828.9	XSW	Squeaky wheel channel marker CW 10-12-2004 2251 (AB)
3828.9	XSW	USB 13-12-2004 Mon 2131 (RNL)
3845	M40	CQ CQ CQ 615.385 615.385 5 character groups, 83934 15428 64433 31889 75T68 916T4... SK SK CW 16-12-2004 0710 (JCA)
3845.0	G06	308-957/560 (?)= 05302 AM 6-12-2004 Mon 2000 (HFD)
3846	M89	V XY5V XY5V XY5V DE 4PPW 4PPW CW 30-12-2004 1415 (JUM)
3926.0	M08a	ID 32721 97961 34861 CW 5-12-2004 Sun 1000 (MS)
3926.0	M08a	ID ----- 49333 91472 (in progress) CW 21-12-2004 Tue 0400 (MS)
3926.0	M08c	ID 27102 60323 10822 CW 1-12-2004 Wed 1000 (MS)
3926.0	M08c	ID ----- 03362 30212 (late start - missed callup) CW 3-12-2004 Fri 1000 (MS)

3926.0 M08c ID 78711 31713 57893 CW 15-12-2004 Wed 1000 (MS)
3926.0 M08c ID ----- 28171 12912 (note same addressees as 1000z on
9153m) CW 17-12-2004 Fri 1000 (MS)
4007.0 M10 555x3 878x3 26 (R5)(// freq on 3522m) CW 21-12-2004
Tue 0430 (MS)
4007.0 M10 555x3 788x3 34 (R5) (//freq on 3523m) CW 28-12-2004
Tue 0430 (MS)
4017.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0300
4027.0 M08a ID 44941 38061 24803 CW 11-12-2004 Sat 1100 (MS)
4027.0 M08c (In progress - missed callup) CW 4-12-2004 Sat 1100
4027.0 M08c Fair signal S4 CW 28-12-2004 Tue 0300 (ZW)
4028.0 V02a In Progress//S800M//Brooklyn USB 28-12-2004 Tue 0600
4028.0 V02a In Progress//S800M//Brooklyn USB 30-12-2004 Thu 0600
4028.0 V02c In progress//S800M//Brooklyn USB 4-12-2004 Sat 0310
4035.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0400
4035.0 V02 In Progress//S800M//Brooklyn USB 13-12-2004 Mon 0430
4043 MX Channel marker "P" CW 14-12-2004 2130 (RGA)
4105 E10 SYN2 AM 4-12-2004 2145 (AB)
4165 E10 CI02 AM 4-12-2004 2145 (AB)
4165 E10 CI02 AM 19-12-2004 1603 (AB)
4173.0 M08a ID 32721 97961 34861 (rpt of 1000z on 3926m) CW
5-12-2004 Sun 1100 (MS)
4173.0 M08c ID 27102 60323 10822 (rpt of 1000z on 3926m) CW
1-12-2004 Wed 1100 (MS)
4173.0 M08c ID 20262 03362 30212 (rpt of 1000z on 3926m) CW
3-12-2004 Fri 1100 (MS)
4173.0 M08c ID 78711 31713 57893 (rpt of 1000z on 3926m) CW
15-12-2004 Wed 1100 (MS)
4173.0 M08c ID ----- 28171 12912 (note same addressees as 1000z on
9153m)(rpt of 1000z on CW 17-12-2004 Fri 1100 (MS)
4174.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0300
4180.0 M03? "287/T" 2004-12-01 entry is bogus CW 26-12-2004 Sun
1630 (RNL)
4270.0 E10 PCD (no msg), sounds better in USB AM 13-12-2004 Mon
2200 (RNL)
4270.0 E10 PCD (no msg) AM 28-12-2004 Tue 2000 (RNL)
4270.0 E10 PCD, 139 groups, LPDGV LANXF AM 28-12-2004 Tue 2100
(RNL)
4270.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1500 (NS)
4270.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1500 (NS)
4270.0 E10 Calling "PCD" - Msg follows. // 3150 kHz Msg Group 59
= STEVP VVXWZ FGW.C EGFHD USB 31-12-2004 Fri 2330 (NS)
4325.8 MX Channel marker "R" CW 4-12-2004 2143 (AB)
4325.8 MX Channel marker "R" CW 14-12-2004 2115 (AB)
4360 E10 VLB2 AM 4-12-2004 2145 (AB)
4424.8 MX Channel marker "L" CW 10-12-2004 0631 (WC)
4425.5 MX Channel marker "L" CW 13-12-2004 0730 (WC)
4440 M89 V MW3D MW3D MW3D DE 2SLC 2SCL CW 30-12-2004 1419

(JUM)

4461 E10 in progress AM 19-12-2004 1523 (AB)

4461.0 E10 FTJ (no msg) AM 5-12-2004 Sun 0100 (RNL)

4461.0 E10 into msg, 28 groups AM 15-12-2004 Wed 0107 (RNL)

4461.0 E10 ???, 59 groups, LHY?Z FHTSW AM 28-12-2004 Tue 2100 (RNL)

4461.0 E10 MSG FOR "FTJ" GROUP 93 LGKIX DWLTM EFTXZ VDKRD VHZNB
LISOD BKGBG LHWPR WJZID USB 30-12-2004 Thu 2028 (NS)

4461.0 E10 MSG FOR "FTJ" GROUP 59 - LHYJZ FHTSY KMAXR AEXLL
PEDEF KHQCM RHDDE ZCJCQ OJWOL USB 30-12-2004 Thu 2103 (NS)

4461.0 E10 Calling "FTJ" - Msg follows. USB 31-12-2004 Fri 2330

4478.0 M08a ID 66723 50662 36291 CW 11-12-2004 Sat 1100 (MS)

4478.0 M08a ID 22673 90813 76971 CW 23-12-2004 Thu 1100 (MS)

4478.0 M08c ID 70732 52982 79603 CW 4-12-2004 Sat 1100 (MS)

4478.0 M08c ID ----- 12911 (in progress - missed callup)
(rpt of 1000z on 3025m) CW 16-12-2004 Thu 1100 (MS)

4478.0 M08c ID 26912 70862 53203 CW 25-12-2004 Sat 1100 (MS)

4507.0 V02a (In progress - missed callup - signal bleeding over
onto 4478m M8c brcst) USB 4-12-2004 Sat 1100 (MS)

4557.7 MX Cluster beacon "D" CW 4-12-2004 2137 (AB)

4557.8 MX Cluster beacon "P" CW 14-12-2004 2114 (AB)

4557.9 MX Cluster beacon "S" CW 14-12-2004 2112 (AB)

4625 S28 Buzzer 10-12-2004 2306 (AB)

4625 S28 The buzzer. Very loud for the time of the day.
19-12-2004 1537 (AB)

4648 E10 KPA2 AM 26-12-2004 1815 (KK2)

4927 M89 V XY5V XY5V XY5V DE 4PPW 4PPW CW 30-12-2004 1415 (JUM)

4928 M89 V XY5V XY5V XY5V DE 4PPW 4PPW CW 16-12-2004 1355 (TI)

4938.0 E07 989:1-196/148= #6900 AM 26-12-2004 Sun 1840 (HFD)

4951.5 M21 Russian Air Defense. =99T223??T????? CW 10-12-2004 2320 (AB)

5027.0 M10 555x3 646x3 18 086x3 25 (R5)(// freq on 3522m) CW
21-12-2004 Tue 0450 (MS)

5077.0 M10 (in progress - //freq on 3523m) CW 28-12-2004 Tue 0450

5091 E10 JSR AM 19-12-2004 1532 (AB)

5091.0 E10 Calling "JSR" - Msg follows. USB 31-12-2004 Fri 1500

5091.0 E10 Calling "JSR" - Msg follows. USB 31-12-2004 Fri 1500

5091.0 E10 Calling "JSR" - Msg Group 19 HQYDC NEZTG FIQIA WYMYP
AEPXN USB 31-12-2004 Fri 1530 (NS)

5098.0 M13 261 (R5) BT 287 22 BT CW 20-12-2004 Mon 2100 (MS)

5102.0 E07 981:1-9316/23= 86267 AM 29-12-2004 Wed 2140 (HFD)

5135.0 V02a in progress. USB 11-12-2004 Sat 0142 (MT2)

5153.7 MX Cluster beacon "D" CW 4-12-2004 2137 (AB)

5153.8 MX Cluster beacon "P" CW 14-12-2004 2114 (AB)

5153.8 MX Cluster beacon "P" CW 14-12-2004 2130 (RGA)

5153.8 MX Cluster beacon "P" CW 15-12-2004 2135 (AB)

5154.4 MX Cluster beacon "M" CW 16-12-2004 1411 (TI)
5158 M22 4XZ CW 16-12-2004 1414 (TI)
5159 M22 4XZ: Haifa Naval, ISR, 1752, CW, VVV-marker CW
28-12-2005 1752 (CK)
5170 E10 CI02 AM 19-12-2004 1521 (AB)
5190.0 G06 ip AM 6-12-2004 Mon 1910 (HFD)
5196.0 E07 491 AM 9-12-2004 Thu 2130 (HFD)
5371 M21 Russian Air Defense CW 16-12-2004 1426 (TI)
5417.0 V02 Faint//S800M//Brooklyn USB 3-12-2004 Fri 0222 (GS)
5422.0 E03 97373//ARC-190//FL250 over Norfolk, Va. USB 12-12-2004
Sun 2200 (GS)
5435.0 E10 MSG FOR "ART" // 3415 kHz GROUP 24 OIYZZ FHTSY JNAXQ
AEXKK PEDFF USB 31-12-2004 Fri 0130 (NS)
5435.0 E10 Calling "ART" - Msg follows. USB 31-12-2004 Fri 1500
5435.0 E10 Calling "ART" - Msg follows. USB 31-12-2004 Fri 1500
5435.0 E10 Calling "ART" - Msg follows. USB 31-12-2004 Fri 1530
5435.0 E10 Calling "ART 2" - No msg. // 3415 kHz USB 31-12-2004
Fri 2330 (NS)
5465.8 MX Channel marker "R" CW 4-12-2004 2143 (AB)
5465.8 MX Channel marker "R" CW 10-12-2004 (WC)
5465.8 MX Channel marker "R" CW 14-12-2004 2115 (AB)
5503.0 M13 501 (R5) BT 247 22 BT CW 27-12-2004 Mon 2215 (MS)
5588 M89 V MW3D MW3D MW3D DE 2SLC 2SLC CW 16-12-2004 1444 (TI)
5625.0 S06 624:0 AM 28-12-2004 Tue 1800 (HFD)
5636.1 M89 V GM3Z GM3Z GM3Z de PNW9 PNW9 CW 15-12-2004 1962
(RGA)
5715 V24 in progress AM 16-12-2004 1403 (TI)
5746.0 E03 06853//ARC-190//KFOK USB 22-12-2004 Wed 1900 (GS)
5756 M89 V BFR7 BFR7 BFR7 DE 4XML 4XML CW 16-12-2004 1456 (TI)
5756 M89 V BFR7 BFR7 BFR7 DE 4XML 4XML CW 27-12-2004 1141
(JUM)
5810.0 M01 197 CW 4-12-2004 Sat 1500 (HFD)
5810.0 S06 418:0 AM 21-12-2004 Tue 0800 (HFD)
5810.0 S06 418:0 AM 28-12-2004 Tue 0800 (HFD)
5820.0 E10 Calling "YHF 2" - No msg. USB 31-12-2004 Fri 1530 (NS)
5820.0 E10 Calling "YHF 2" - No msg. USB 31-12-2004 Fri 1530 (NS)
5836.0 E07 989:1-196/148= #6900 AM 26-12-2004 Sun 1820 (HFD)
5842 E07 491 1 491 1 (REPEATS) 138 55 138 55 5Fgs AM
17-12-2004 2110 (PP1)
5850 X06 Mazielka calls 2-12-2004 2136 (AB)
5899.0 E07 981:1-9316/23= 86267 AM 29-12-2004 Wed 2140 (HFD)
6215 V24 in progress AM 16-12-2004 1508 (TI)
6270 E10 ULX2 AM 19-12-2004 1603 (AB)
6270.0 E10 Calling "ULX 2" - No msg. // 7760 kHz USB 31-12-2004
Fri 1500 (NS)
6270.0 E10 Calling "ULX 2" - No msg. // 7760 kHz USB 31-12-2004
Fri 1500 (NS)
6337.0 S06 537-428/11=66480 AM 9-12-2004 Thu 1710 (HFD)

6370 E10 VLB2 AM 4-12-2004 2145 (AB)
6370 E10 VLB2 AM 16-12-2004 1447 (TI)
6417 XSL Slot machine 28-12-2004 2221 (AB)
6485.0 E03 97373//ARC-190//FL250 over Norfolk, Va. USB 12-12-2004
Sun 2200 (GS)
6485.0 E03 06853//ARC-190//KFOK USB 22-12-2004 Wed 1900 (GS)
6768.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0400
6768.0 V02 In Progress//S800M//Brooklyn USB 13-12-2004 Mon 0430
6768.0 V02a Early start AM 6-12-2004 Mon 0356 (Red)
6782 M12 Fast 5FGs ending 000 000 CW 15-12-2004 2010 (RGA)
6790 M24 Fast 5FGs = = 56998 56998 04252 04252... 85376 85376 =
= 269 269 80 80 00000 CW 15-12-2004 2012 (RGA)
6795.0 M13 458 (R5) BT 243 21 BT CW 13-12-2004 Mon 2300 (MS)
6795.0 M13 458 (R5) BT 243 21 BT CW 27-12-2004 Mon 2300 (MS)
6796 M08 fair but with strong background tone CW 10-12-2004 Fri
1230 (DIF)
6796 M08 in-progress CW 13-12-2004 Mon 1231 (DIF)
6796 M08 (in-progress) ended 1242 CW 15-12-2004 Wed 1230 (DIF)
6797 V02c DGI Cuba. Very good reception in Europe AM 2-12-2004
2208 (AB)
6797 V02c in progress AM 28-12-2004 2204 (AB)
6797.0 M08c ID 51802 90193 35933 CW 1-12-2004 Wed 1200 (MS)
6797.0 M08c ID 95761 72862 21182 CW 3-12-2004 Fri 1200 (MS)
6797.0 M08c ID 42442 40343 33433 CW 15-12-2004 Wed 1200 (MS)
6797.0 M08c ID 89472 13993 80083 CW 29-12-2004 Wed 1200 (MS)
6797.0 M08c ID 33551 86602 35472 CW 31-12-2004 Fri 1200 (MS)
6797.0 V02 Fairly strong, some drift. Same for my other postings.
AM 6-12-2004 Mon 0022 (MDC)
6797.0 V02 a little noisier this time. 2nd logging this time,
this frequency. AM 13-12-2004 Mon 0022 (MDC)
6797.0 V02c already in progress USB 1-12-2004 Wed 0022 (ID)
6797.0 V02c A346 72x5 (R3) (YL/SS) AM 1-12-2004 Wed 2200 (MS)
6797.0 V02c Call up "343 72"; about 2 min. after xmsn, there was 1
sentence in SS, carrier AM 1-12-2004 Wed 2200 (MT2)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
2-12-2004 Thu 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) (2107z
late start) AM 3-12-2004 Fri 2200 (MS)
6797.0 V02c Attn 343 72 (same as 1800, 2000) AM 4-12-2004 Sat 2103
(MT2)
6797.0 V02c A346 72x5 (R3) (YL/SS) AM 4-12-2004 Sat 2200 (MS)
6797.0 V02c Attn. 343 72 (same as 1800, 2000, 2100) AM 4-12-2004
Sat 2203 (MT2)
6797.0 V02c Pause after every 10 group of 5, ending, "Final,
final, final." AM 10-12-2004 Fri 2200 (DM)
6797.0 V02c A346 72x5 (R3) (YL/SS) AM 10-12-2004 Fri 2200 (MS)
6797.0 V02c Call up 343 70. YL, Sp., pause every 10 sets AM
10-12-2004 Fri 2200 (MT2)

6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
11-12-2004 Sat 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
13-12-2004 Mon 2200 (MS)
6797.0 V02c (in progress - no callup) (YL/SS) AM 14-12-2004 Tue
2200 (MS)
6797.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 16-12-2004 Thu 2200 (MS)
6797.0 V02c (carrier is up, but no voice) AM 17-12-2004 Fri 2200
6797.0 V02c 888 16, etc. call up. Ended abruptly, mid sequence.
AM 19-12-2004 Sun 2202 (MT2)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 20-12-2004 Mon 2200 (MS)
6797.0 V02c A346 72x5 (R3) (YL/SS) AM 23-12-2004 Thu 2200 (MS)
6797.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
24-12-2004 Fri 2200 (MS)
6797.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 27-12-2004 Mon 2200 (MS)
6797.0 V02c (carrier up - no voice) AM 29-12-2004 Wed 2200 (MS)
6797.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
30-12-2004 Thu 2200 (MS)
6797.0 V02c A346 72 (R3) 73511 91082 (YL/SS) AM 31-12-2004
Fri 2200 (MS)
6798.0 V02a IN PROGRESS USB 2-12-2004 Thu 0022 (ID)
6808.0 X06 AM 27-12-2004 Mon 1750 (HFD)
6840 E10 EZI AM 14-12-2004 2130 (AB)
6840.0 E06 690:0 AM 26-12-2004 Sun 1830 (HFD)
6840.0 E10 EZI 2 "NO MSG" AT 0048Z AND AGAIN AT 0100 TO 0103Z USB
31-12-2004 Fri 0048 (NS)
6840.0 E10 Calling "EZI" - Msg follows. // 9130 kHz USB
31-12-2004 Fri 2330 (NS)
6853.0 V02c spanish numbers AM 1-12-2004 Wed 2125 (CMI)
6854.0 M08c ID 08521 77142 22102 CW 2-12-2004 Thu 2200 (MS)
6854.0 M08c ID 92.32 32931 40581 (sked went silent after one
callup)(rpt of 2100z on 6933m) CW 30-12-2004 Thu 2200
6855 V02 fair finali' 2144 USB 12-12-2004 Sun 2103 (DIF)
6855 V02 bad unreadable USB 13-12-2004 Mon 2100 (DIF)
6855 V02 carrier but no modulation. 2125 the same USB
14-12-2004 Tue 2100 (DIF)
6855 V02 unreadable USB 15-12-2004 Wed 2100 (DIF)
6855 V02 weak USB 16-12-2004 Thu 2100 (DIF)
6855 V02 carrier no modulation USB 17-12-2004 Fri 2105 (DIF)
6855 V02 in-progress weak but readable USB 18-12-2004 Sat 2109
6855 V02 barely readable USB 19-12-2004 Sun 2102 (DIF)
6855.0 V02 Spanish YL - 5FG AM 4-12-2004 Sat 2125 (CMI)
6855.0 V02 AM 6-12-2004 Mon 0021 (MDC)
6855.0 V02 kind of noisy AM 12-12-2004 Sun 0021 (MDC)
6855.0 V02 kind of noisy AM 20-12-2004 Mon 0021 (MDC)

6855.0 V02c Call up "343 72" X2 at 2057 dead air until 2104 when
5# sets started. AM 1-12-2004 Wed 2057 (MT2)
6855.0 V02c (Late start - missed callup) (YL/SS) AM 1-12-2004 Wed
2100 (MS)
6855.0 V02c A346 72x5 (R3) (YL/SS) AM 4-12-2004 Sat 2100 (MS)
6855.0 V02c Distorted AM signal, ending "Final, final, final." AM
6-12-2004 Mon 2100 (DM)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
11-12-2004 Sat 2100 (MS)
6855.0 V02c A346 72x5 (R3) (YL/SS) AM 12-12-2004 Sun 2100 (MS)
6855.0 V02c A346 72x5 (R3) (YL/SS)(After a few minutes freq
changed to 6797m which is corre AM 12-12-2004 Sun 2200
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
13-12-2004 Mon 2100 (MS)
6855.0 V02c (carrier up, but no voice) AM 14-12-2004 Tue 2100 (MS)
6855.0 V02c attn: 888-16 and 252-16 AM 15-12-2004 Wed 2100 (WB)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. . (YL/SS) AM 15-12-2004 Wed 2100 (MS)
6855.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 16-12-2004 Thu 2100 (MS)
6855.0 V02c V2c, pause after every 10th grouping Very strong in NE
PA AM 18-12-2004 Sat 2055 (Red)
6855.0 V02c in progress at tune in AM 18-12-2004 Sat 2133 (MT2)
6855.0 V02c 888 16 (X4) 313 166 (X1) call up AM 19-12-2004 Sun
2102 (MT2)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 20-12-2004 Mon 2100 (MS)
6855.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
24-12-2004 Fri 2100 (MS)
6855.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 27-12-2004 Mon 2100 (MS)
6855.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
28-12-2004 Tue 2100 (MS)
6855.0 V02c (in progress - late start. Carrier up at 2107z) AM
30-12-2004 Thu 2100 (MS)
6855.0 V02c A346 72 (R3) 73511 91082 (YL/SS) AM 31-12-2004
Fri 2100 (MS)
6855.0 X06 Come across a 6 tone station by accident, most likely
X06..... AM 29-12-2004 Wed 2200 (Red)
6866.0 M08c ID ----- 90481 (in progress) CW 20-12-2004 Mon
1400 (MS)
6912 E10 CI02 AM 16-12-2004 1449 (TI)
6912 E10 CI02 AM 19-12-2004 1527 (AB)
6930 E10 SYN2 AM 4-12-2004 2145 (AB)
6930 E10 SYN2 AM 16-12-2004 1449 (TI)
6930 E10 SYN2 AM 26-12-2004 1947 (KK2)
6930.0 E10 in progress; very poor reception USB 3-12-2004 Fri
6932 M08 xmtr. problems CW 2-12-2004 Thu 1208 (DIF)

6932 M08 CW 4-12-2004 Sat 1220 (DIF)
6932 M08 good CW 7-12-2004 Tue 1212 (DIF)
6932 M08 in-progress good ended 1236 CW 16-12-2004 Thu 1217
6933.0 M08a ID 83492 65693 72773 CW 11-12-2004 Sat 1200 (MS)
6933.0 M08a ID 95313 09331 35471 CW 30-12-2004 Thu 1200 (MS)
6933.0 M08c ID 95762 72863 21183 CW 4-12-2004 Sat 1200 (MS)
6933.0 M08c ID 42443 42581 47961 CW 16-12-2004 Thu 1200 (MS)
6933.0 M08c ID 63662 44433 18913 CW 25-12-2004 Sat 1200 (MS)
6933.0 M08c ID 82471 13992 80082 CW 28-12-2004 Tue 1200 (MS)
6933.0 M08c ID ----- 32931 40581 (first time copy on this sked) CW
30-12-2004 Thu 2100 (MS)
6958.0 E03 s5 minimal fade USB 25-12-2004 Sat 2203 (LE)
6959 E03 LP id 33783 USB 4-12-2004 2200 (AB)
6959.0 E03 header = 33783 USB 4-12-2004 Sat 2200 (RNL)
6959.0 E03 Coming in with a fair signal - Monitored in progress.
USB 5-12-2004 Sun 2121 (Red)
6959.0 E03 28888 USB 10-12-2004 Fri 2200 (DM)
6959.0 E03 33330, extreme distortion USB 12-12-2004 Sun 1900
6959.0 E03 33330//ARC-190//FL200 180 miles east of Cape Canaveral
USB 12-12-2004 Sun 1900 (GS)
6959.0 E03 In Progress//ARC-190//FL230 over Beaufort, S.C. USB
12-12-2004 Sun 2120 (GS)
6959.0 E03 in progress USB 13-12-2004 Mon 2213 (RNL)
6959.0 E03 40690//ARC-190//KFOK USB 16-12-2004 Thu 1900 (GS)
6959.0 E03 into msg, // 9251 USB 21-12-2004 Tue 1939 (RNL)
6960.0 S06 124-356/107=10945 AM 11-12-2004 Sat 1700 (HFD)
6964 E07 981 981 981 1 (rpt) 463 36 463 36 5FGs 000 000 AM
6-12-2004 2000 (PP1)
6964.0 E07 981:1-9316/23= 86267 AM 29-12-2004 Wed 2100 (HFD)
6982.0 E07 989:1-196/148= #6900 AM 26-12-2004 Sun 1800 (HFD)
6986 E10 in progress AM 16-12-2004 1408 (TI)
6986.0 E10 Calling "ART" USB 31-12-2004 Fri 1330 (NS)
6986.0 E10 Calling "ART" - Msg follows. USB 31-12-2004 Fri 1400
7004.0 M08 Who knows//S800M//Brooklyn CW 13-12-2004 Mon 0500 (GS)
7004.0 M08? ???//S800M//Brooklyn CW 4-12-2004 Sat 0311 (GS)
7025 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 1-11-2004 0245
(IARUMS)
7038.7 MX Cluster beacon "D" CW 4-12-2004 2137 (AB)
7038.7 MX Cluster beacon "D" CW 10-12-2004 0634 (WC)
7038.8 MX Cluster beacon "P" CW 19-12-2004 Sun 0902 (AB)
7038.9 MX Cluster beacon "S" CW 24-12-2004 1349 (AB)
7039.3 MX Cluster beacon "K" CW 16-12-2004 1411 (TI)
7039.4 MX Cluster beacon "M" CW 16-12-2004 1411 (TI)
7053.2 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 1-11-2004 1816
(IARUMS)
7056 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 4-11-2004 0757
(IARUMS)
7058.7 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 13-11-2004 1727

(IARUMS)

7059.6 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 30-11-2004 1718
(IARUMS)

7060.7 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 15-11-2004 1756
(IARUMS)

7063.7 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 17-11-2004 1925
(IARUMS)

7067.8 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 17-11-2004 2000
(IARUMS)

7068.9 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 22-11-2004 2106
(IARUMS)

7074 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 30-9-2004 0900
(IARUMS)

7074 M89 V MW3D MW3D MW3D DE 2SLC 2SCL CW 27-12-2004 0735
(JUM)

7077.4 MX Cluster beacon "D". Spur of 7038.7 CW 4-12-2004 2137

7079.2 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 29-11-2004 1905
(IARUMS)

7080 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 27-9-2004 0200
(IARUMS)

7081.5 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 21-11-2004 (IARUMS)

7081.7 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 20-11-2004 1743
(IARUMS)

7103.2 M89 V CP17 CP17 CP17 DE L9CC L9CC CW 5-11-2004 1843
(IARUMS)

7263 M87 789 789 789 333 333 = = 013 013 52 52 = = 5char gr =
= msg repeated = = 000 000 ttt CW 5-12-2004 1402

7319 M08 CW 1-12-2004 Wed 1300 (DIF)

7319 M08 CW 3-12-2004 Fri 1300 (DIF)

7319 M08 good ended 1337 CW 8-12-2004 Wed 1310 (DIF)

7319 M08 with hetrodyne CW 10-12-2004 Fri 1300 (DIF)

7319 M08 CW 15-12-2004 Wed 1300 (DIF)

7320.0 M08c ID 51802 90193 35933 (rpt of 1200z on 6797m - xmtr is
garbled, hard to make out CW 1-12-2004 Wed 1300 (MS)

7320.0 M08c ID 95761 72862 21182 (rpt of 1200z on 6797m) CW
3-12-2004 Fri 1300 (MS)

7320.0 M08c ID 42442 40343 33433 (rpt of 1200z on 6797m) CW
15-12-2004 Wed 1300 (MS)

7320.0 M08c ID 89472 13993 80083 (rpt of 1200z on 6797m) CW
29-12-2004 Wed 1300 (MS)

7320.0 M08c ID 33551 86602 35472 (rpt of 1200z on 6797m) CW
31-12-2004 Fri 1300 (MS)

7337 E03 LP in progress USB 7-12-2004 2144 (AB)

7358 E10 in progress AM 16-12-2004 1409 (TI)

7358 E10 in progress AM 19-12-2004 1523 (AB)

7358.0 E10 Calling "FTJ" - Msg follows. USB 31-12-2004 Fri 1500

7358.0 E10 Calling "FTJ" - Msg follows. USB 31-12-2004 Fri 1500

7440.0 S06 418:0 AM 28-12-2004 Tue 0810 (HFD)

7482.0 V02c (Carrier up but no voice) AM 1-12-2004 Wed 0900 (MS)
7482.0 V02c missed the start, longer pause after every 10 sets,
def different from the 0700 AM 8-12-2004 Wed 0900
7482.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
15-12-2004 Wed 0900 (MS)
7515 M08 poor CW 6-12-2004 Mon 2215 (DIF)
7518 M08 CW 1-12-2004 Wed 2200 (DIF)
7518 M08 fair-to-poor CW 3-12-2004 Fri 2200 (DIF)
7518 M08 weak CW 6-12-2004 Mon 1300 (DIF)
7518 M08 very weak CW 8-12-2004 Wed 2200 (DIF)
7518 M08 CW 10-12-2004 Fri 2224 (DIF)
7518 M08 fair CW 13-12-2004 Mon 1300 (DIF)
7519.0 M08a ID 88462 69672 87652 CW 10-12-2004 Fri 2200 (MS)
7519.0 M08a ID 73903 62613 36863 CW 29-12-2004 Wed 2200 (MS)
7519.0 M08c ID 30211 73871 81241 CW 1-12-2004 Wed 2200 (MS)
7519.0 M08c ID 30213 73873 81243 CW 3-12-2004 Fri 2200 (MS)
7519.0 M08c (Late start, came up at 2205z right into msg, no
callup) CW 13-12-2004 Mon 2200 (MS)
7519.0 M08c ID 94341 41751 23071 CW 17-12-2004 Fri 2200 (MS)
7519.0 M08c ID 94342 41752 23072 CW 20-12-2004 Mon 2200 (MS)
7519.0 M08c ID 09043 49593 96573 CW 24-12-2004 Fri 2200 (MS)
7519.0 M08c ID 09043 49593 96573 (this sked came up on wrong freq,
but moved to correct fre CW 24-12-2004 Fri 2300 (MS)
7519.0 M08c ID 73901 62611 94431 CW 27-12-2004 Mon 2200 (MS)
7519.0 M08c ID 17982 59982 49512 CW 31-12-2004 Fri 2200 (MS)
7520.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
3-12-2004 Fri 0900 (MS)
7520.0 V02c A888 16x2 A252 166x1 A888 16x2 44621 62561 . . .
(R3) (YL/SS) AM 17-12-2004 Fri 0900 (MS)
7526.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0806
7526.0 M08c ID 11681 ----- (in progress) CW 14-12-2004 Tue
2200 (MS)
7527.0 V02a? AM 20-12-2004 Mon 0906 (EP)
7527.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) (voice up late) AM 16-12-2004 Thu 0900 (MS)
7540.0 E10 Calling "JSR " - A rather weak signal. Suspected //
8805 kHz ?? USB 31-12-2004 Fri 1230 (NS)
7540.0 E10 Calling "JSR 2" - No msg. USB 31-12-2004 Fri 1330 (NS)
7540.0 E10 Calling "JSR" - Msg follows. USB 31-12-2004 Fri 1400
7555.0 M08 CW 8-12-2004 Wed 0800 (MBO)
7555.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0805
7555.0 M08a ID ----- 86531 06641 (in progress) CW 24-12-2004 Fri
0800 (MS)
7555.0 M08c ID 24463 77081 44601 CW 3-12-2004 Fri 0800 (MS)
7555.0 M08c ID 64193 20461 83011 (rpt of 0700z on 8136m) CW
15-12-2004 Wed 0800 (MS)
7580.0 M08a ID 74881 04352 71402 CW 4-12-2004 Sat 0800 (MS)
7663 E11 232/00 USB 23-12-2004 0800 (Pat)

7681.0 V02 AM 20-12-2004 Mon 1000 (EP)
7681.0 V02c Call up 326 72 AM 2-12-2004 Thu 1000 (MT2)
7681.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 16-12-2004 Thu 1000 (MS)
7681.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
30-12-2004 Thu 1000 (MS)
7760 E10 ULX2 AM 22-12-2004 1500 (KK2)
7760.0 E10 Calling "ULX" USB 31-12-2004 Fri 1300 (NS)
7760.0 E10 Calling "ULX" - Msg Group 91 QRJLC JFHGG HCABQ ZGBRM
CFDXS THERL KBUNF ATZUD FJ USB 31-12-2004 Fri 1400
(NS)
7760.0 E10 Calling "ULX 2" - No msg. // 6270 kHz USB 31-12-2004
Fri 1500 (NS)
7760.0 E10 Calling "ULX 2" - No msg. // 6270 kHz USB 31-12-2004
Fri 1500 (NS)
7760.0 E10 Calling "ULX 2" - No msg. // 6270 kHz USB 31-12-2004
Fri 1530 (NS)
7760.0 E10 Calling "ULX 2" - No msg. // 6270 kHz USB 31-12-2004
Fri 1530 (NS)
7824.0 M13 253 (R5) BT 246 20 BT CW 3-12-2004 Fri 2100 (MS)
7862.0 V02c A346 72x5 (R3) (YL/SS) AM 1-12-2004 Wed 1000 (MS)
7862.0 V02c (Carrier up, but no voice transmission) AM 15-12-2004
Wed 1000 (MS)
7887 V02 USB 1-12-2004 Wed 2000 (DIF)
7887 V02 (finali' 2040) good USB 2-12-2004 Thu 2000 (DIF)
7887 V02 (finali' 2039) USB 4-12-2004 Sat 2000 (DIF)
7887 V02 USB 5-12-2004 Sun 2000 (DIF)
7887 V02 USB 6-12-2004 Mon 2000 (DIF)
7887 V02 7 tones several times stopped. 1959 came on with CW
for 10 secs. then voice (finali' 2040) USB 7-12-2004
7887 V02 good USB 8-12-2004 Wed 2000 (DIF)
7887 V02 fair USB 9-12-2004 Thu 2000 (DIF)
7887 V02 (finali' 2040) USB 10-12-2004 Fri 2000 (DIF)
7887 V02 carrier but no modulation 2015 mod. on USB 11-12-2004
Sat 2008 (DIF)
7887 V02 finali' 2040 USB 13-12-2004 Mon 2000 (DIF)
7887 V02 with same tone as 8097 2010 stopped came back
without tone (finali' 2040) USB 14-12-2004 Tue 2000
7887 V02 good USB 15-12-2004 Wed 2000 (DIF)
7887 V02 (finali' 2041) USB 16-12-2004 Thu 2000 (DIF)
7887 V02 good (finali' 2041) USB 17-12-2004 Fri 2000 (DIF)
7887 V02 (finali' 2041) USB 18-12-2004 Sat 2000 (DIF)
7887 V02 (finali' 2047) good USB 19-12-2004 Sun 2010 (DIF)
7887.0 V02 good signal AM 20-12-2004 Mon 0020 (MDC)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
1-12-2004 Wed 2000 (MS)
7887.0 V02c in progress. AM 1-12-2004 Wed 2010 (MT2)
7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) (1009z

late start) AM 3-12-2004 Fri 1000 (MS)

7887.0 V02c (Late start - missed callup) AM 4-12-2004 Sat 0900

7887.0 V02c A346 72x5 (R3) (YL/SS) AM 4-12-2004 Sat 2000 (MS)

7887.0 V02c Attn. 343 72 (same as 1800, 1900 not on or audible) AM
4-12-2004 Sat 2000 (MT2)

7887.0 V02c A346 72x5 (R3) (YL/SS) AM 5-12-2004 Sun 0900 (MS)

7887.0 V02c Very strong, pause between every 10th group. ID:
888/16 AM 5-12-2004 Sun 2057 (Red)

7887.0 V02c A346 72x5 (R3) (YL/SS) AM 11-12-2004 Sat 0900 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
11-12-2004 Sat 2000 (MS)

7887.0 V02c Call up "888 12" (X4), "212 122" set repeated X4.
Message, pause every 10 sets; AM 11-12-2004 Sat 2010

7887.0 V02c A346 72x5 (R3) (YL/SS) AM 12-12-2004 Sun 2000 (MS)

7887.0 V02c (Missed callup) (YL/SS) AM 13-12-2004 Mon 2000 (MS)

7887.0 V02c (in late - missed callup) (YL/SS) AM 14-12-2004 Tue
2000 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. . (YL/SS) AM 15-12-2004 Wed 2000 (MS)

7887.0 V02c AM 15-12-2004 Wed 2005 (WB)

7887.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 16-12-2004 Thu 2000 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 44621 62561 . . .
(R3) (YL/SS) AM 17-12-2004 Fri 1000 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 17-12-2004 Fri 2000 (MS)

7887.0 V02c V2c, pause after every 10th grouping Very strong in NE
PA AM 18-12-2004 Sat 1955 (Red)

7887.0 V02c late start 888 16 (X4) 313 166 (X1) call up AM
19-12-2004 Sun 2011 (MT2)

7887.0 V02c (in progress - missed callup) AM 20-12-2004 Mon 2000

7887.0 V02c (carrier up - no voice) AM 24-12-2004 Fri 1000 (MS)

7887.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
24-12-2004 Fri 2000 (MS)

7887.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
26-12-2004 Sun 0900 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 28-12-2004 Tue 2000 (MS)

7887.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. (YL/SS) AM 30-12-2004 Thu 2000 (MS)

7887.0 V02c A346 72 (R3) 73511 91082 (YL/SS) AM 31-12-2004
Fri 2000 (MS)

7889 M08 xmtr. problems CW 2-12-2004 Thu 1300 (DIF)

7889 M08 CW 4-12-2004 Sat 1300 (DIF)

7889 M08 off 1335 CW 7-12-2004 Tue 1320 (DIF)

7889 M08 good but with background tone CW 9-12-2004 Thu 1300

7889 M08 fair background hetrodyne CW 11-12-2004 Sat 1300 (DIF)

7889 M08 CW 14-12-2004 Tue 1300 (DIF)

7889 M08 good ended 1336 CW 16-12-2004 Thu 1300 (DIF)
7890.0 M08a ID 83492 65693 72773 (rpt of 1200z on 6933m) CW
11-12-2004 Sat 1300 (MS)
7890.0 M08a ID 95313 09331 35471 (rpt of 1200z on 6933m) CW
30-12-2004 Thu 1300 (MS)
7890.0 M08c ID 95762 72863 21183 (rpt of 1200z on 6933m) CW
4-12-2004 Sat 1300 (MS)
7890.0 M08c ID 42443 42581 47961 (rpt of 1200z on 6933m) CW
16-12-2004 Thu 1300 (MS)
7890.0 M08c ID 63662 44433 18913 (rpt of 1200z on 6933m) CW
25-12-2004 Sat 1300 (MS)
7890.0 M08c ID 82471 13992 80082 (rpt of 1200z on 6933m) CW
28-12-2004 Tue 1300 (MS)
7918 E10 YHF AM 19-12-2004 1524 (AB)
7918.0 E10 YHF - 2. No message. USB 1-12-2004 Wed 0202 (MT2)
7918.0 E10 Calling "YHF 2" - No msg. USB 31-12-2004 Fri 1400 (NS)
7918.0 E10 Calling "YHF" - Msg follows. USB 31-12-2004 Fri 1500
7918.0 E10 Calling "YHF" - Msg follows. USB 31-12-2004 Fri 1500
7975.0 V02c (Carrier up but no voice heard at 1011z) AM 4-12-2004
Sat 1000 (MS)
7975.0 V02c A346 72x5 (R3) (YL/SS) AM 5-12-2004 Sun 1000 (MS)
7975.0 V02c A346 72x5 (R3) (YL/SS) AM 11-12-2004 Sat 1000 (MS)
7975.0 V02c AM 26-12-2004 Sun 0010 (FAN)
8008 M08 CW 1-12-2004 Wed 2300 (DIF)
8008 M08 fair CW 8-12-2004 Wed 2302 (DIF)
8009.0 M08 In Progress//S800M//Brooklyn CW 14-12-2004 Tue 2305
8009.0 M08a ID 73903 62613 36863 (rpt of 2200z on 7519m) CW
29-12-2004 Wed 2300 (MS)
8009.0 M08c ID 30211 73871 81241 (rpt of 2200z on 7519m) CW
1-12-2004 Wed 2300 (MS)
8009.0 M08c ID 30212 73872 81241 CW 2-12-2004 Thu 2200 (MS)
8009.0 M08c (Late start again) ----- 27633 (rpt of 2200z on
7519m) CW 13-12-2004 Mon 2300 (MS)
8009.0 M08c ID 11682 22972 55732 CW 15-12-2004 Wed 2300 (MS)
8009.0 M08c ID 11683 22973 55733 CW 16-12-2004 Thu 2200 (MS)
8009.0 M08c ID 94342 41752 23072 (rpt of 2200z on 7519m) CW
20-12-2004 Mon 2300 (MS)
8009.0 M08c ID 09042 49592 96572 CW 23-12-2004 Thu 2200 (MS)
8009.0 M08c ID 73901 62611 94431 (rpt of 2200z on 7519m) CW
27-12-2004 Mon 2300 (MS)
8009.0 M08c ID 17981 59981 49511 CW 30-12-2004 Thu 2200 (MS)
8009.0 V02 YL/SS CW 15-12-2004 Wed 0645 (DRI)
8010 V02 (in-progress) USB 2-12-2004 Thu 1720 (DIF)
8010 V02 (finali' 1740) USB 4-12-2004 Sat 1700 (DIF)
8010 V02 (in-progress) (finali' 1742) USB 5-12-2004 Sun 1715
8010 V02 bad USB 6-12-2004 Mon 1700 (DIF)
8010 V02 but no modulation carrier disappeared 1712 USB
7-12-2004 Tue 1700 (DIF)

8010	V02	USB 8-12-2004 Wed 1734 (DIF)
8010	V02	USB 9-12-2004 Thu 1715 (DIF)
8010	V02	(finali' 1740) USB 10-12-2004 Fri 1700 (DIF)
8010	V02	carrier but no modulation 1712 mod. very weak USB
		11-12-2004 Sat 1710 (DIF)
8010	V02	fair finali' 1741 USB 12-12-2004 Sun 1700 (DIF)
8010	V02	finali' 1743 USB 13-12-2004 Mon 1700 (DIF)
8010	V02	(finali' 1740) USB 14-12-2004 Tue 1700 (DIF)
8010	V02	(finali' 1741) USB 15-12-2004 Wed 1700 (DIF)
8010	V02	with utility underneath (finali' 1740) USB 16-12-2004
		Thu 1658 (DIF)
8010	V02	(finali' 1744) USB 17-12-2004 Fri 1700 (DIF)
8010	V02	carrier no modulation 1717 modulation but very weak
		with utility underneath stopped 1750 no finali' USB
		18-12-2004 Sat 1700 (DIF)
8010	V02	fair utility underneath USB 19-12-2004 Sun 1700 (DIF)
8010.0	M08a	USB 20-12-2004 Mon 0805 (EP)
8010.0	V02	In Progress//S800M//Brooklyn USB 24-12-2004 Fri 0632
8010.0	V02a	ID 23063 79713 77851 (YL/SS) AM 15-12-2004 Wed 0700
		(MS)
8010.0	V02a	A92563 38711 45081 (YL/SS) AM 29-12-2004 Wed 0600 (MS)
8044	M89	V XY5V XY5V XY5V DE 4PPW 4PPW CW 28-12-2004 0729
		(JUM)
8096.0	M08a	ID ----- 27412 80283 (in progress) CW 20-12-2004 Mon
		0500 (MS)
8097	V02	(finali' 1942) USB 1-12-2004 Wed 1915 (DIF)
8097	V02	(finali' 1840) USB 2-12-2004 Thu 1830 (DIF)
8097	V02	good USB 2-12-2004 Thu 1900 (DIF)
8097	V02	carrier on atencion' 1805 (finali' 1844) USB
		4-12-2004 Sat 1750 (DIF)
8097	V02	carrier on 1858 on with Spanish singing USB 4-12-2004
		Sat 1850 (DIF)
8097	V02	(finali' 1845) USB 5-12-2004 Sun 1803 (DIF)
8097	V02	(finali' 1945) USB 5-12-2004 Sun 1904 (DIF)
8097	V02	(finali' 1841) USB 6-12-2004 Mon 1820 (DIF)
8097	V02	USB 6-12-2004 Mon 1900 (DIF)
8097	V02	good USB 7-12-2004 Tue 1800 (DIF)
8097	V02	good USB 7-12-2004 Tue 1900 (DIF)
8097	V02	very poor USB 8-12-2004 Wed 1800 (DIF)
8097	V02	there but not readable USB 8-12-2004 Wed 1900 (DIF)
8097	V02	fair to poor (finali' 1843) USB 9-12-2004 Thu 1805
8097	V02	USB 9-12-2004 Thu 1900 (DIF)
8097	V02	USB 10-12-2004 Fri 1800 (DIF)
8097	V02	(finali' 1942) USB 10-12-2004 Fri 1901 (DIF)
8097	V02	(finali' 1851) USB 11-12-2004 Sat 1810 (DIF)
8097	V02	good USB 11-12-2004 Sat 1900 (DIF)
8097	V02	fair finali' 1842 USB 12-12-2004 Sun 1800 (DIF)
8097	V02	fair finali' 1941 USB 12-12-2004 Sun 1900 (DIF)

8097 V02 USB 13-12-2004 Mon 1802 (DIF)
8097 V02 finali' 1940 USB 13-12-2004 Mon 1900 (DIF)
8097 V02 (finali' 1840) USB 14-12-2004 Tue 1800 (DIF)
8097 V02 strong tone covered 8 khz (finali' 1940) USB
14-12-2004 Tue 1900 (DIF)
8097 V02 USB 15-12-2004 Wed 1800 (DIF)
8097 V02 (finali' 1940) USB 15-12-2004 Wed 1900 (DIF)
8097 V02 good (finali' 1841) USB 16-12-2004 Thu 1800 (DIF)
8097 V02 good (finali' 1941) USB 16-12-2004 Thu 1900 (DIF)
8097 V02 USB 17-12-2004 Fri 1800 (DIF)
8097 V02 fair USB 17-12-2004 Fri 1900 (DIF)
8097 V02 finali missing from previous hr. on 8010 USB
18-12-2004 Sat 1756 (DIF)
8097 V02 (finali' 1940) USB 18-12-2004 Sat 1900 (DIF)
8097 V02 (finali 1839) USB 19-12-2004 Sun 1802 (DIF)
8097 V02 carrier no modulation mod. 1911 good USB 19-12-2004
Sun 1910 (DIF)
8097.0 V02a caught it in progress, prolly started well before 0614
AM 11-12-2004 Sat 0614 (EP)
8097.0 V02a About a minute after it ended there was a single 5FG
blurb followed by atencion AM 16-12-2004 Thu 0508 (EP)
8097.0 V02a AM 16-12-2004 Thu 0600 (EP)
8097.0 V02a A13553 22711 31393 (YL/SS) AM 25-12-2004 Sat 0600 (MS)
8097.0 V02a In Progress//S800M//Brooklyn USB 25-12-2004 Sat 0638
8097.0 V02a In Progress//S800M//Brooklyn USB 30-12-2004 Thu 0500
8097.0 V02a In Progress//S800M//Brooklyn USB 30-12-2004 Thu 0600
8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) (very
weak signal) AM 1-12-2004 Wed 1800 (MS)
8097.0 V02c Call up 343 72 AM 1-12-2004 Wed 1802 (MT2)
8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
1-12-2004 Wed 1900 (MS)
8097.0 V02c Call up 343 72; same as 1800 AM 1-12-2004 Wed 1903
8097.0 V02c A346 72x5 (R3) (YL/SS) AM 4-12-2004 Sat 1800 (MS)
8097.0 V02c Attn. 343 72 AM 4-12-2004 Sat 1805 (MT2)
8097.0 V02c A346 72x5 (R3) (YL/SS) (Cuban voice bcst came up at
1900z. Stopped at 1901z an AM 4-12-2004 Sat 1900 (MS)
8097.0 V02c (in progress - missed callup) AM 11-12-2004 Sat 1800
8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) (YL/SS) AM
11-12-2004 Sat 1900 (MS)
8097.0 V02c A346 72x5 (R3) (YL/SS) AM 12-12-2004 Sun 1800 (MS)
8097.0 V02c A346 72x5 (R3) (YL/SS) AM 12-12-2004 Sun 1900 (MS)
8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. . (YL/SS) AM 15-12-2004 Wed 1800 (MS)
8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
. . (YL/SS) AM 15-12-2004 Wed 1900 (MS)
8097.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .
(YL/SS) AM 16-12-2004 Thu 1800 (MS)
8097.0 V02c A888 16x2 252 166x1 A888 16x2 (R3) 44621 62561 . . .

(YL/SS) AM 16-12-2004 Thu 1900 (MS)
 8097.0 V02c in progress at tune in AM 16-12-2004 Thu 1934 (MT2)
 8097.0 V02c A888 16x2 A252 166x1 A888 16x2 44621 62561 . . .
 (R3) (YL/SS) AM 17-12-2004 Fri 1800 (MS)
 8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
 (YL/SS) AM 17-12-2004 Fri 1900 (MS)
 8097.0 V02c V2c, pause after every 10th grouping. Very strong in
 NE PA AM 18-12-2004 Sat 1800 (Red)
 8097.0 V02c V2c, pause after every 10th grouping Very strong in NE
 PA AM 18-12-2004 Sat 1900 (Red)
 8097.0 V02c i/p AM 19-12-2004 Sun 1928 (BM)
 8097.0 V02c (carrier up - no voice) AM 24-12-2004 Fri 1800 (MS)
 8097.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
 24-12-2004 Fri 1900 (MS)
 8097.0 V02c (early start, in progress, YL/SS) AM 26-12-2004 Sun
 8097.0 V02c A346 72x5 (R3) 73511 91082 (YL/SS) AM
 26-12-2004 Sun 1900 (MS)
 8097.0 V02c (in progress - early start) AM 30-12-2004 Thu 1800
 8097.0 V02c A888 16x2 A252 166x1 A888 16x2 (R3) 44621 62561 . . .
 . (YL/SS) AM 30-12-2004 Thu 1900 (MS)
 8097.0 V02c (carrier up - no voice heard) AM 31-12-2004 Fri 1800
 8097.0 V02c A346 72 (R3) 73511 91082 (YL/SS) AM 31-12-2004
 Fri 1900 (MS)
 8103.3 M22 CW 6-12-2004 Mon 0001 (FAN)
 8103.5 M22 Just calling Vs CW 21-12-2004 Tue 0020 (FAN)
 8134 M08 fair CW 3-12-2004 Fri 2300 (DIF)
 8134 M08 ended 2329 CW 10-12-2004 Fri 2314 (DIF)
 8135.0 M08a ID 88462 69672 87652 (rpt of 2200z on 7519z) CW
 10-12-2004 Fri 2300 (MS)
 8135.0 M08c ID 30212 73872 81241 (rpt of 2200z on 8009m) CW
 2-12-2004 Thu 2300 (MS)
 8135.0 M08c ID 30213 73873 81243 (rpt of 2200z on 7519m) CW
 3-12-2004 Fri 2300 (MS)
 8135.0 M08c ID 11681 ----- 55731 (rpt of 2200z on 7526m) CW
 14-12-2004 Tue 2300 (MS)
 8135.0 M08c ID 11683 22973 55733 (rpt of 2200z on 8009m) CW
 16-12-2004 Thu 2300 (MS)
 8135.0 M08c ID 94341 41751 23071 (rpt of 2200z on 7519m) CW
 17-12-2004 Fri 2300 (MS)
 8135.0 M08c ID 09042 49592 96572 (rpt of 2200z on 8009m) CW
 23-12-2004 Thu 2300 (MS)
 8135.0 M08c ID 09043 49593 96573 (this sked came up on correct
 freq from 7519m) CW 24-12-2004 Fri 2315 (MS)
 8135.0 M08c ID 17981 59981 49511 (rpt of 2200z on 8009m) CW
 30-12-2004 Thu 2300 (MS)
 8135.0 M08c ID 17982 59982 49512 (rpt of 2200z on 7519m) CW
 31-12-2004 Fri 2300 (MS)
 8135.5 M22 CW 24-12-2004 Fri 0023 (FAN)

8136.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0722
8136.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0807
8136.0 M08a ID 34313 02233 27373 CW 5-12-2004 Sun 1000 (MS)
8136.0 M08a ID ----- 00581 74503 (in progress) CW 11-12-2004 Sat 1100 (MS)
8136.0 M08a ID 13863 32003 95001 CW 12-12-2004 Sun 1000 (MS)
8136.0 M08a (in progress) CW 31-12-2004 Fri 0700 (MS)
8136.0 M08c ID 37383 15622 27372 CW 4-12-2004 Sat 1100 (MS)
8136.0 M08c ID 64193 20461 83011 CW 15-12-2004 Wed 0700 (MS)
8136.0 M08c ID 24602 83083 35823 CW 29-12-2004 Wed 0700 (MS)
8136.0 V02a ----- 45143 38743 (in progress) (YL/SS) AM 26-12-2004 Sun 0900 (MS)
8137.0 M08 In Progress//S800M//Brooklyn CW 6-12-2004 Mon 0700
8150 M14 512 (x5 mins) 937 937 25 25 = = 5FGs = = 937 973 25 25 00000 CW 27-12-2004 0100 (JUM)
8186.0 M08 In Progress//S800M//Brooklyn CW 25-12-2004 Sat 0700
8186.0 M08c ID 11373 68182 58762 CW 25-12-2004 Sat 1100 (MS)
8186.0 M08c ID 24601 02443 40433 CW 28-12-2004 Tue 0700 (MS)
8313.5 XSL Slot machine 28-12-2004 2221 (AB)
8457.1 M89 V BFR7 BFR7 BFR7 DE 4XML 4XML CW 30-12-2004 1408 (JUM)
8464.0 E03 97373//ARC-190//FL250 over Norfolk, Va. USB 12-12-2004 Sun 2200 (GS)
8464.0 E03 06853//ARC-190//KFOK USB 22-12-2004 Wed 1900 (GS)
8464.0 E03 hdr 06853, // 10426 // 11545 USB 26-12-2004 Sun 1600
8494.7 MX Cluster beacon "D" CW 4-12-2004 2137 (AB)
8494.7 MX Cluster beacon "D" CW 10-12-2004 0636 (WC)
8494.8 MX Cluster beacon "P" CW 19-12-2004 Sun 0902 (AB)
8494.9 MX Cluster beacon "S" CW 12-12-2004 0920 (AB)
8495.2 MX Cluster beacon "F" CW 10-12-2004 2303 (AB)
8495.2 MX Cluster beacon "F" CW 12-12-2004 0923 (AB)
8495.3 MX Cluster beacon "K" CW 10-12-2004 0636 (WC)
8544.0 E11 187/00 AM 24-12-2004 Fri 1200 (HFD)
8588 XSL Slot machine 28-12-2004 2221 (AB)
8805 E10 PCD2 AM 19-12-2004 1532 (AB)
8805.0 E10 PCD2 USB 18-12-2004 Sat 1530 (JUM)
8805.0 E10 group 22, missed id AM 25-12-2004 Sat 1730 (RNL)
8805.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1300 (NS)
8805.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1330 (NS)
8805.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1530 (NS)
8805.0 E10 Calling "PCD 2" - No msg. USB 31-12-2004 Fri 1530 (NS)
9062.0 M08 In Progress//S800M//Brooklyn CW 30-12-2004 Thu 0401
9062.0 M08a ID 96431 24213 74503 (rpt of 0400z on 10235m) CW 12-12-2004 Sun 0500 (MS)
9062.0 M08c ID ----- 50433 (in progress) CW 29-12-2004 Wed 0500 (MS)
9063.0 M08 CW 26-12-2004 Sun 0500 (DRI)
9063.0 V02 YL/SS CW 15-12-2004 Wed 0730 (DRI)

9063.0 V02 AM 24-12-2004 Fri 0700 (DRI)
 9063.0 V02a attention then 3 sets of 5 numbers repeated, ended
 with final final final AM 8-12-2004 Wed 0700 (MBO)
 9063.0 V02a ID ----- 77851 (YL/SS) AM 15-12-2004 Wed 0700
 9063.0 V02a A13552 09761 93513 AM 24-12-2004 Fri 0700 (MS)
 9063.0 V02a A92563 38711 45081 (YL/SS) (rpt of 0600z on 8010m) AM
 29-12-2004 Wed 0700 (MS)
 9063.0 V02a In Progress//S800M//Brooklyn USB 31-12-2004 Fri 0721
 9130.0 E10 C/S "EZI" Rather weak signal. USB 30-12-2004 Thu 1956
 9130.0 E10 Calling "EZI" - Msg follows. // 6840 kHz USB
 31-12-2004 Fri 2330 (NS)
 9151 M08 xmtr problems? CW 4-12-2004 Sat 1220 (DIF)
 9152.0 M08c ID ----- 26941 03561 (in progress) (rpt of 1100z on
 10344m) CW 25-12-2004 Sat 1200 (MS)
 9153 V02 USB 3-12-2004 Fri 1300 (DIF)
 9153 V02 good USB 10-12-2004 Fri 1300 (DIF)
 9153 V02 good (finali' 1344) USB 17-12-2004 Fri 1300 (DIF)
 9153.0 M08a ID 21662 47342 76972 CW 24-12-2004 Fri 1000 (MS)
 9153.0 M08c ID 29603 33362 28341 CW 1-12-2004 Wed 1000 (MS)
 9153.0 M08c ID ----- 07722 27371 (late start - missed callup) CW
 3-12-2004 Fri 1000 (MS)
 9153.0 M08c ID 75161 28171 12912 CW 17-12-2004 Fri 1000 (MS)
 9153.0 V02 75572/68211/55462//S800M//Brooklyn USB 13-12-2004 Mon
 0500 (GS)
 9153.0 V02a (in progress - missed callup) AM 20-12-2004 Mon 0500
 9153.0 V02a A21801 ----- (YL/SS) (very weak for copy) AM
 24-12-2004 Fri 1300 (MS)
 9153.0 V02a In Progress//S800M//Brooklyn USB 25-12-2004 Sat 0700
 9153.0 V02a (too weak for copy) AM 31-12-2004 Fri 1300 (MS)
 9165.0 S17C 83023 AM 12-12-2004 Sun 1250 (HFD)
 9165.0 S17C 78023 AM 18-12-2004 Sat 1250 (HFD)
 9165.0 S17C 76042 AM 29-12-2004 Wed 1250 (HFD)
 9165.0 S17C 73033 AM 30-12-2004 Thu 1250 (HFD)
 9166.0 S17C Full scale signal into a internet radio located at
 Rommele Sweden. AM 6-12-2004 Mon 1250 (Red)
 9166.0 S17C Usual strong sig into Rommele with this daily sked.
 EWE Array and ICOM R75 AM 16-12-2004 Thu 1250 (Red)
 9202.0 E10 Calling "YHF" // 10648 kHz Msg Group 23 AKQPR UEAPP
 00ANB USB 31-12-2004 Fri 1330 (NS)
 9237.0 M08a ID 68801 37182 03562 CW 30-12-2004 Thu 1000 (MS)
 9238.0 M08 AM 8-12-2004 Wed 0900 (MBO)
 9238.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0808
 9238.0 M08a ID 34313 02233 27373 (rpt of 1000z on 8136m) CW
 5-12-2004 Sun 1199 (MS)
 9238.0 M08a ID 13863 32003 95001 (rpt of 1000z at 8136m. Early
 start) CW 12-12-2004 Sun 1100 (MS)
 9238.0 M08a ID 34743 29743 58763 CW 26-12-2004 Sun 1100 (MS)
 9238.0 M08c ID 48691 85321 64241 CW 1-12-2004 Wed 0900 (MS)

9238.0 M08c ID 48693 85323 64243 (rpt of 0800z on 10446m) CW
 3-12-2004 Fri 0900 (MS)
 9238.0 M08c ID 38633 66603 97183 CW 15-12-2004 Wed 0900 (MS)
 9238.0 M08c (sked now on correct freq - in progress - missed
 callups) CW 17-12-2004 Fri 0912 (MS)
 9251 E03 LP in progress USB 7-12-2004 2144 (AB)
 9251.0 E03 38311//ARC-190//FL200 over San Salvador USB 12-12-2004
 Sun 1800 (GS)
 9251.0 E03 33330//ARC-190//FL200 180 miles east of Cape Canaveral
 USB 12-12-2004 Sun 1900 (GS)
 9251.0 E03 In Progress//ARC-190//FL230 over Beaufort, S.C. USB
 12-12-2004 Sun 2120 (GS)
 9251.0 E03 in progress, signal good USB 13-12-2004 Mon 2100 (RNL)
 9251.0 E03 40690//ARC-190//KFOK USB 16-12-2004 Thu 1900 (GS)
 9251.0 E03 into msg, // 6959 USB 21-12-2004 Tue 1939 (RNL)
 9251.0 E03 77330//ARC-190//Vt Short LL USB 22-12-2004 Wed 1800
 9272.0 V07 261:0 AM 16-12-2004 Thu 0600 (HFD)
 9272.0 V07 No traffic-- Very strong signal AM 30-12-2004 Thu 0600
 9323.0 M08a ID 94422 84851 71981 CW 4-12-2004 Sat 1000 (MS)
 9323.0 M08a ID 69252 69472 60622 CW 26-12-2004 Sun 0900 (MS)
 9323.0 M08c ID 80661 75193 68992 CW 16-12-2004 Thu 1000 (MS)
 9323.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0600
 9323.0 V02 In Progress//S800M//Brooklyn USB 13-12-2004 Mon 0600
 9323.0 V02 In Progress//S800M//Brooklyn USB 24-12-2004 Fri 0632
 9323.0 V02a In Progress//S800M//Brooklyn USB 30-12-2004 Thu 0401
 9323.0 V2(a?) AM 16-12-2004 Thu 0402 (EP)
 9330.0 M08 In Progress//S800M//Brooklyn CW 6-12-2004 Mon 0400
 9330.0 M08 In Progress//S800M//Brooklyn CW 13-12-2004 Mon 0430
 9331.0 M08c ID 99292 29642 17913 CW 15-12-2004 Wed 1000 (MS)
 9331.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0600
 9331.0 V02 In Progress//S800M//Brooklyn USB 13-12-2004 Mon 0600
 9354.0 V02a (in progress, missed callups)(YL/SS) AM 29-12-2004 Wed
 0500 (MS)
 9553 M87 345 345 345 333 333 CW 21-12-2004 0900 (IB)
 9821 M87 249 249 249 000 000 CW 21-12-2004 0130 (IB)
 10046 M22 4XZ CW 18-12-2004 1546 (ML4)
 10119.0 M08c ID ----- 72562 (in progress) CW 29-12-2004 Wed
 0500 (MS)
 10125.0 M08a ID 36321 13591 38661 CW 4-12-2004 Sat 0900 (MS)
 10125.0 M08c Strong S9 here CW 28-12-2004 Tue 0300 (ZW)
 10125.0 M08c ID ----- 82501 (in progress) CW 28-12-2004 Tue
 0300 (MS)
 10126 V02 USB 3-12-2004 Fri 1400 (DIF)
 10126 V02 very strong USB 10-12-2004 Fri 1400 (DIF)
 10126 V02 USB 17-12-2004 Fri 1400 (DIF)
 10126.0 M08a ID 21662 47342 76972 (rpt of 1000z on 9153m) CW
 24-12-2004 Fri 1100 (MS)
 10126.0 M08c ID 29603 33362 28341 (rpt of 1000z on 9153m) CW

1-12-2004 Wed 1100 (MS)
 10126.0 M08c ID 99292 29642 17913 (rpt of 1000z on 9331m) CW
 15-12-2004 Wed 1100 (MS)
 10126.0 M08c ID 93631 62721 67051 (rpt of 0800z ib 11432m) CW
 16-12-2004 Thu 0900 (MS)
 10126.0 V02a A 48272 19811 82531 (YL/SS) AM 17-12-2004 Fri 1400
 10126.0 V02a A21801 ----- (YL/SS) (very weak for copy) AM
 24-12-2004 Fri 1400 (MS)
 10126.0 V02a (too weak for copy again) AM 31-12-2004 Fri 1400 (MS)
 10235.0 M08a ID 96431 24213 74503 CW 12-12-2004 Sun 0400 (MS)
 10235.0 M08a USB 12-12-2004 Sun 0811 (EP)
 10235.0 M08c Very strong here, signal over S9 CW 5-12-2004 Sun 0300
 10235.0 M08c Now almost undetectable, what happened? CW 5-12-2004
 Sun 0400 (ZW)
 10235.0 M08c ID ----- 62892 ----- (in progress) CW 5-12-2004 Sun
 10235.0 M08c ID 15741 47253 72561 CW 28-12-2004 Tue 0400 (MS)
 10344.0 M08a USB 16-12-2004 Thu 0307 (EP)
 10344.0 M08a ID ----- 06113 98612 (in progress) CW 30-12-2004 Thu
 0300 (MS)
 10344.0 M08c ID 24423 26241 82202 (vy weak signal) CW 16-12-2004
 Thu 0300 (MS)
 10344.0 M08c ID ----- 26941 03561 (in progress) CW 25-12-2004 Sat
 1100 (MS)
 10426 E03 LP. Id 28888 USB 12-12-2004 1600 (DNZ)
 10426.0 E03 28888//ARC-190//FL200 over P.R. USB 12-12-2004 Sun
 1600 (GS)
 10426.0 E03 USB 26-12-2004 Sun 1600 (RNL)
 10426.0 E03 hdr 06853, // 8464 // 11545 USB 26-12-2004 Sun 1600
 10445 M08 ended 1736 CW 3-12-2004 Fri 1715 (DIF)
 10445 M08 strong ended 1736 CW 10-12-2004 Fri 1700 (DIF)
 10445.0 M08a ID 34102 79743 88962 CW 30-12-2004 Thu 0300 (MS)
 10445.0 M08c ID 36552 ----- (in progress) CW 16-12-2004 Thu
 0300 (MS)
 10446.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 0804
 10446.0 M08 In Progress//S800M//Brooklyn CW 31-12-2004 Fri 1724
 10446.0 M08a ID 18401 37181 24743 CW 23-12-2004 Thu 1100 (MS)
 10446.0 M08a ID 68801 37182 03562 (rpt of 1000z on 9237m) CW
 30-12-2004 Thu 1100 (MS)
 10446.0 M08c ID 48693 85323 64243 CW 3-12-2004 Fri 0800 (MS)
 10446.0 M08c ID 88753 83993 55353 CW 3-12-2004 Fri 1700 (MS)
 10446.0 M08c (in progress - missed callups) CW 17-12-2004 Fri 0800
 10446.0 M08c (sked on wrong freq - in progress - missed callups -
 moved to correct freq at 0 CW 17-12-2004 Fri 0900 (MS)
 10446.0 V02 In progress//S800M//Brooklyn USB 6-12-2004 Mon 0300
 10446.0 V02 In Progress//S800M//Brooklyn USB 6-12-2004 Mon 0500
 10446.0 V02 75572/68211/55462//S800M//Brooklyn USB 13-12-2004 Mon
 0500 (GS)
 10511.5 M42 Dep. of State Comms, Moscow. Msg on link 90017

PSK+MFSK 11-12-2004 0945 (LD0)
 10648.0 E10 Calling "YHF" // 9202 kHz Msg Group 23 AKQPR UEAPP
 00ANB USB 31-12-2004 Fri 1330 (NS)
 10672.0 V07 261:0 AM 16-12-2004 Thu 0620 (HFD)
 10672.0 V07 V07 blank carrier heard for nearly an hour.. no sked
 heard on 0640 12172.. stra AM 30-12-2004 Thu 0619
 10714 M08 off-1733 CW 1-12-2004 Wed 1700 (DIF)
 10714 M08 strong CW 8-12-2004 Wed 1733 (DIF)
 10714 M08 very strong ended 1736 CW 15-12-2004 Wed 1700 (DIF)
 10715 V02 (finali') 1245 USB 5-12-2004 Sun 1230 (DIF)
 10715 V02 finali' 1245 USB 12-12-2004 Sun 1230 (DIF)
 10715.0 M08c ID 26342 57662 55962 CW 15-12-2004 Wed 1700 (MS)
 10715.0 V02 Report from OT in the UK, not sure if V2a or V2c AM
 5-12-2004 Sun 1200 (CS)
 10871.7 MX Faulty "D" beacon. Transmits "U" CW 4-12-2004 1041
 10871.7 MX Cluster beacon "D" sending in reverse ("U") CW
 4-12-2004 1512 (AB)
 10871.7 MX Cluster beacon "U" (back to normal "D" at 1510) CW
 10-12-2004 0638 (WC)
 10871.7 MX Cluster beacon "D" back to normal CW 10-12-2004 2257
 10871.8 MX Cluster beacon "P" CW 19-12-2004 Sun 0902 (AB)
 10871.9 MX Cluster beacon "S" CW 4-12-2004 1041 (WP3)
 10871.9 MX Cluster beacon "S" CW 10-12-2004 0638 (WC)
 10871.9 MX Cluster beacon "S" CW 12-12-2004 0920 (AB)
 10871.9 MX Cluster beacon "S" CW 24-12-2004 1349 (AB)
 10872.3 MX Cluster beacon "K" CW 28-12-2004 0035 (JUM)
 11170.0 E17 Very strong into Rommele Sweden AM 16-12-2004 Thu 0750
 (Red)
 11170.0 E17 674/00000 AM 30-12-2004 Thu 0755 (Red)
 11362 XM Whales, very strong 24-12-2004 1339 (AB)
 11432.0 M08c ID 93631 62721 67051 CW 16-12-2004 Thu 0800 (MS)
 11545 E03 LP. Id 88190 USB 11-12-2004 1700 (DNZ)
 11545 E03 LP. Id 28888 USB 12-12-2004 1600 (AB)
 11545 E03 LP. Id 28888 USB 12-12-2004 1600 (DNZ)
 11545 E03 LP. Id 88698 USB 12-12-2004 1700 (DNZ)
 11545 E03 LP in progress USB 19-12-2004 1522 (AB)
 11545.0 E03 49214 USB 10-12-2004 Fri 1900 (DM)
 11545.0 E03 28888//ARC-190//FL200 over P.R. USB 12-12-2004 Sun
 1600 (GS)
 11545.0 E03 33330 Jammed//ARC-190//FL200 180 miles east of Cape
 Canaveral USB 12-12-2004 Sun 1900 (GS)
 11545.0 E03 40690//ARC-190//KFOK USB 16-12-2004 Thu 1900 (GS)
 11545.0 E03 77330//ARC-190//Vt Short LL USB 22-12-2004 Wed 1800
 11545.0 E03 USB 26-12-2004 Sun 1600 (RNL)
 11545.0 E03 hdr 06853, // 8464 // 10426 USB 26-12-2004 Sun 1600
 11545.0 E03 00461, signal lost around 1625 USB 28-12-2004 Tue 1600
 (RNL)
 11565 M08 CW 3-12-2004 Fri 1800 (DIF)

11565 M08 good CW 6-12-2004 Mon 1700 (DIF)
11565 M08 ended 1735 CW 13-12-2004 Mon 1700 (DIF)
11565.0 M08 In Progress//S800M//Brooklyn CW 30-12-2004 Thu 0401
11565.0 M08c Extremely weak S0 in and out of noise CW 28-12-2004
Tue 0400 (ZW)
11565.0 V02a Call up 72301, 45761, 75161. AM 12-12-2004 Sun 1300
11566 V02 USB 5-12-2004 Sun 1300 (DIF)
11566 V02 good finali' 1344 USB 12-12-2004 Sun 1300 (DIF)
11566.0 M08a 5lg cut numbers in progress CW 13-12-2004 Mon 1729
11566.0 M08c ID 88753 83993 55353 (rpt of 1700z on 10446m) CW
3-12-2004 Fri 1800 (MS)
11566.0 M08c ID 46153 24883 43813 CW 31-12-2004 Fri 1800 (MS)
11566.0 V02a (early start, missed first callup) ----- 45963 91563
(YL/SS) AM 26-12-2004 Sun 1300 (MS)
12210.0 S06 493:0 AM 28-12-2004 Tue 1400 (HFD)
12365.0 S06 729:0 AM 29-12-2004 Wed 0700 (HFD)
12603 E03 LP in progress USB 7-12-2004 2144 (AB)
12603.0 E03 88698//ARC-190//FL200 over Grand Turk USB 12-12-2004
Sun 1700 (GS)
12603.0 E03 38311//ARC-190//FL200 over San Salvador USB 12-12-2004
Sun 1800 (GS)
12603.0 E03 00461//ARC-190//KFOK USB 16-12-2004 Thu 1800 (GS)
12603.0 E03 00461//ARC-190//Vt Short LL USB 22-12-2004 Wed 1700
13373 M08 xmtr. prob.? end 1835 CW 6-12-2004 Mon 1820 (DIF)
13373 M08 with weird RFI CW 13-12-2004 Mon 1800 (DIF)
13373.5 M08a 5lg cut numbers in progress CW 13-12-2004 Mon 1812
13375 E03 LP. Id 88190 USB 11-12-2004 1700 (DNZ)
13375 E03 LP. Id 88698 USB 12-12-2004 1700 (DNZ)
13375.0 E03 88698//ARC-190//FL200 over Grand Turk USB 12-12-2004
Sun 1700 (GS)
13419.0 M08c ID 88752 83992 55352 CW 1-12-2004 Wed 1800 (MS)
13419.0 M08c ID 26342 57662 55962 (rpt of 1700z on 10715m) CW
15-12-2004 Wed 1800 (MS)
13527.7 MX Cluster beacon "D" CW 4-12-2004 1512 (AB)
13527.7 MX Cluster beacon "D" CW 10-12-2004 0639 (WC)
13527.9 MX Cluster beacon "S" CW 12-12-2004 0920 (AB)
13527.9 MX Cluster beacon "S" CW 24-12-2004 1349 (AB)
13528.4 MX Cluster beacon "M" CW 28-12-2004 0721 (WC)
13533.0 E10 Calling "EZI 2" - No msg. // 15980 kHz USB 31-12-2004
Fri 1300 (NS)
13533.0 E10 Calling "EZI 2" - No msg. USB 31-12-2004 Fri 1500 (NS)
13533.0 E10 Calling "EZI 2" - No msg. USB 31-12-2004 Fri 1500 (NS)
14000 E10 ABC for 20 mins AM 7-12-2004 1358 (DARC)
14487 E03 LP. Id 88698 USB 12-12-2004 1200 (DNZ)
14487 E03 LP. Id 33330 USB 12-12-2004 1300 (DNZ)
14487 E03 LP. Id 49214 USB 12-12-2004 1400 (DNZ)
14487 E03 LP in progress USB 23-12-2004 1414 (AB)
14487 E03 LP in progress USB 24-12-2004 1344 (AB)

14487 E03 LP. Id 60535 USB 24-12-2004 1400 (AB)
14487.0 E03 Lincolnshire Poacher; Moderate signal S4 USB 2-12-2004
Thu 1300 (ZW)
14487.0 E03 Signal about S3 today USB 3-12-2004 Fri 1300 (ZW)
14487.0 E03 Very strong, with echo USB 5-12-2004 Sun 1400 (ZW)
14487.0 E03 In Progress//ARC-190//KFOK USB 16-12-2004 Thu 1344
14487.0 E03 00461//ARC-190//KFOK USB 16-12-2004 Thu 1800 (GS)
14487.0 E03 In Progress//ARC-190//KFOK USB 22-12-2004 Wed 1338
(GS)
14487.0 E03 00461//ARC-190//Vt Short LL USB 22-12-2004 Wed 1700
15682 E03 LP in progress USB 23-12-2004 1414 (AB)
15682 E03 LP in progress USB 24-12-2004 1344 (AB)
15682 E03 LP. Id 60535 USB 24-12-2004 1400 (AB)
15682.0 E03 AM 1-12-2004 Wed 0012 (FAN)
15682.0 E03 Detectable but covered by R. Deutsche Welle QRM USB
2-12-2004 Thu 1300 (ZW)
15682.0 E03 Covered by Deutsche Welle again USB 3-12-2004 Fri 1300
(ZW)
15682.0 E03 Covered by Deutsche Welle QRM USB 5-12-2004 Sun 1400
(ZW)
15682.0 E03 In Progress//ARC-190//KFOK USB 16-12-2004 Thu 1344
15682.0 E03 In Progress//ARC-190//KFOK USB 22-12-2004 Wed 1338
(GS)
15980.0 E10 Calling "EZI 2" - No msg. // 13533 kHz USB 31-12-2004
Fri 1300 (NS)
15980.0 E10 Calling "EZI 2" - No msg. USB 31-12-2004 Fri 1330 (NS)
16084 E03 LP in progress USB 23-12-2004 1414 (AB)
16084 E03 LP in progress USB 24-12-2004 1344 (AB)
16084 E03 LP. Id 60535 USB 24-12-2004 1400 (AB)
16084.0 E03 Strong signal S9 with echo USB 2-12-2004 Thu 1300 (ZW)
16084.0 E03 Signal S9 but no echo today USB 3-12-2004 Fri 1300
16084.0 E03 In Progress//ARC-190//KFOK USB 16-12-2004 Thu 1344
16084.0 E03 In Progress//ARC-190//KFOK USB 22-12-2004 Wed 1338
(GS)
16331.7 MX Cluster beacon "D" CW 4-12-2004 1512 (AB)
16331.7 MX Cluster beacon "D" CW 10-12-2004 0641 (WC)
16331.9 MX Cluster beacon "S" CW 24-12-2004 1349 (AB)
16332.2 MX Cluster beacon "F" CW 2-12-2004 0159 (AJP)
16332.4 MX Cluster beacon "M" CW 10-12-2004 0641 (WC)
16475.0 E03 00461//ARC-190//Vt Short LL USB 22-12-2004 Wed 1700
18864.0 E04 Cherry Ripe with light fading in Rommele Sweden USB
6-12-2004 Mon 1300 (Red)
18864.0 E04 75797, weak USB 28-12-2004 Tue 1200 (RNL)
19560 M23 951 CW 7-12-2004 1000 (IB)
19715.0 E10 Calling "EZI" // 23740 kHz USB 31-12-2004 Fri 1400
20047.7 MX Cluster beacon "D" CW 12-12-2004 0810 (AB)
20667 S06 22220 AM 7-12-2004 1020 (IB)
23740.0 E10 Calling "EZI" // 19715 kHz - A rather weak signal. USB

31-12-2004 Fri 1400 (NS)

<<<<>>>>

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